

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare

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Criterion – I
Metrics- 1.1.1
Academic Year- 2023-24

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**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**

Institutional Calendar

(Academic Year: 2023-2024)

Month & Week	Administration	Curricular Activities	Examinations/ Evaluation	Extra/Co -curricular Activities	NSS & Cultural Activities
Jun-23					
First week	Preparation & Printing of Prospectus		Declaration of the results Part III Semester VI		Screening of students for admitting to the NSS/NCC
	Meeting of Admission Committee (Online)		Distribution of mark statements		
Second week	Distribution of prospectus and results				
	Opening of the College for new Academic Year A common meeting of faculty and Non-teaching Staff with Principal		Department wise result analysis	Preparation of Merit list	
Third week	Displaying Admission notices and norms for Admission process for Part III and Part II classes Admission process for F.Y.B.A., B. Com, B.Sc. classes Admissions to the different classes (Online)	Preparation of college Time-Table Distribution of Syllabus/ workload Individual Teaching Plan Preparation Execution of Teaching as per plan	Submission of the results to office	Notices to the students for all academic Details for 2023-24 Death Anniversary of Late K. N. Bhise, Founder of the college Celebration of Rj. Chh. Shahu Jayanti on 26 th June	
Fourth Week				Anti-Drugs- Addiction Day on 26 th June	
	A common meeting of faculty and Non-teaching Staff with Principal				
July 23			Declaration of the results Part I &II	Organization of the different academic activities like Birth Anniversary of the National leaders, celebration of the Different days of national importance	

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**

Institutional Calendar

(Academic Year: 2023-24)

First week	Address by the Principal to the Students	Regular Teaching work Work Distribution through Committee Formation No Vehicle Day		Staff academy-Opening Ceremony Inaugurations of Short term courses	Circulation of notices to the students for admission in NSS/ NCC
Second week	Admission Process/ Filling of the Free ship and different types of the Scholarship forms	Regular Teaching work	Unit Tests	Celebration of Population Day on 11th July	
Third week		Monitoring Regular Teaching work		Organization of the gusset lectures by the different committee and departments.	
Fourth Week	Collection of Free ship and Scholarship forms	IQAC Meeting	Home Assignments for the classes		
Aug-23					
First week	Preparation and finalization of roll call	Regular Teaching work No Vehicle Day		Organization of guest lectures on the occasion of Anna Bhau Sathe Jayanti and Lokmanya Tilak Death Anniversary	Admission of the students to NSS. Entries for Yuva Mahotsav Preparation of students for Yuva Mahotsav
	Notices regarding October examinations			Celebration of Independence Day on 15 th August	
Second week	Display of roll call on notice boards and distribution to departments	Monitoring Regular Teaching work	Submission of University Examination Form	Celebration of 29 th Aug. Sports Day	
Third week	filling of the October forms	Regular Teaching work	Unit tests		
Fourth Week	Submission of eligibility forms of Part I classes				
Sep-23					

**Madha Taluka Shikshan Prasarak Mandal's,
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Institutional Calendar

(Academic Year: 2023-24)

First week	Filling of the scholarship forms	Regular Teaching work		5 th Sept. Teachers Day	Regular Activities of NSS/NCC
Second week	Submission of the scholarship and EBC forms	Regular Teaching work IQAC Meeting		8 th Sept. Celebration of "Literacy Day" Week. 14 th Sept. celebration of Hindi Din	
		Regular Teaching work		Dr. Karmaveer Bhaurao Patil Birth anniversary on 22 nd Sept.	
Third week	Regular office work	Regular Teaching work			24 th Sept. NSS Day celebration
Fourth Week	Regular office work	Regular Teaching work		Conduction of Essay, Drawing, Elocution Rangoli-	Regular Activities of NSS
	Submission of the annual forms to the university for B.A./B.Com./B.Sc. I and II			1 st Oct Blood donation Day	
Oct. 23			Test/ Home assignment oral and Seminar for B.A./B.Com/ B.Sc	2 nd Oct. Mahatma Gandhi Jayanti, Lal Bahadur Shastri Jayanti	Regular NSS/NC C activities
First week	Letters of Internal examination of Solapur University.	Regular Teaching work			
Second week	Regular office work				

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Institutional Calendar

(Academic Year: 2023-24)

				7 th Oct .Wild Life Day	
Third week	Regular office work				
Fourth Week	Regular office work		University B.A./ B.Com / B.Sc. I and II/ Examination First Term End Diwali Vacation		
Nov-23		Second Term Started	University B.A. B.Com / B.Sc. Examination for Students	4 th NovGurunanak Jayanti	
First week	Regular office work			14 th Nov Bal Din , Pandit Jawaharlal Nehru Jayanti	
Second week	Regular office work				
Third week	Regular office work				

**Madha Taluka Shikshan Prasarak Mandal's,
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Institutional Calendar

(Academic Year: 2023-24)

Fourth week	Regular office work	Regular Teaching work			
Dec-23			University B. A. B.Com / B.Sc. Examination for Students	1 st Dec. AIDS DAY Eid –a- Milad	NSS Special Camp Proposal submissi on to Universit y
First week	Regular office work	Regular Teaching work		AIDS Awareness Week	Regular NSS/NC C activities
Second week	Regular office work	IQAC Meeting	University B.A. B.Com / B.Sc. Examination for Students	3 rd Dec. Handicapped Day	
Third week	Regular office work NAAC Peer Team Visit	Regular Teaching work		6 th Dec. Dr. Babasaheb Ambedkar Mahaparinirvan Din	
Fourth week		Regular Teaching work		20 th Dec. Sant Gadge Maharaj Anniversary	Regular NSS/NC C activities
				23 rd Dec. Kisan Din,25 th Dec. Christmas	
				Parent teacher get together	

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**

Institutional Calendar

(Academic Year: 2023-24)

January 2024		IQAC Meeting	Home assignment/ Test for B.A./B.Com/B.Sc. B.Sc III		
First week	Regular office work	Regular Teaching work		3rd Jan. Savitribai Phule Jayanti	
				6th Jan. Patrakar Din	
Second week	Regular office work	Regular Teaching work	Declaration of Result B. A./ B. Com./B. Sc. I Semester - I	9th Jan. National Tourism Day	Regular NSS/NC C activities
				12th Jan. Swami Vivekanand Jayanti, National Youth Day	
				14th Jan. Geography Day Til Gul Day	
Third week	Notice for Exam forms for B.A./B.com	Regular Teaching work	Declaration of Result B. A./ B. Com./B. Sc. III Semester - V		
Fourth week	Submission of the annual forms to the university for B.A./B.Com/B.Sc.I	IQAC Meeting	Submission of University Exam. Form	26th Jan. Republic Day, Wall Paper	
Feb. 2024					
First week	Regular office work	Regular Teaching work	Home assignment oral and Seminar for B.A./B.Com/ B.Sc III		Regular Activities of NSS/NC C
	Regular office work	IQAC Meeting	Unit Test		
Second	Regular office work				

**Madha Taluka Shikshan Prasarak Mandal's,
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Institutional Calendar (Academic Year: 2023-2024)

week					
Third week	Regular office work	Regular Teaching work Gender Equality Week	Home assignment oral and Group Project for B.A./B.Com/ B.Sc III		Regular Activities of NSS/NC C
		IQAC Meeting		17 th Feb. Vasudeo Balwant 19 th Feb. Chh. Shivaji	
	Regular office work	Regular Teaching work	Group Project for B.A./B.Com/ B.Sc III	21 st Feb. International	
Regular office work	Annual Spots Competition	27 th Feb. Marathi Rajbasha Din			
Fourth Week	Regular office work	Annual Prize Distribution Day		28 th Feb. Science	
	Regular office work				
March 24					
First week	Regular office work	Regular Teaching work			Regular Activities of NSS/NC C
	Sanstha Audit	Regular Teaching work			
Second week	Regular office work	Regular Teaching work		8 th Mar. International Woman's Day.	
				10 th Mar Savitribai Phule Smrutidin	
Third week	Regular office work	Examination Work National Conferences IQAC Meeting	University Examination for Semester for the repeater and regular students	23 rd March Shahid Din	
Fourth			Practical examination of B. Sc Part I,II and III	2 9	

**Madha Taluka Shikshan Prasarak Mandal's,
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Institutional Calendar

(Academic Year: 2023-2024)

Week		Examination Work		
	Regular office work	Practical examination of B. Sc Part I,II and III	University Examination for Semester for the repeater and regular students	
April 24	Regular office work	Examination Work		5 th April Ocean resource Day
First week				
Second week	Regular office work	Examination Work Practical examination of B. Sc Part I and II	University Examination for Semester for the repeater and regular students	11 th April Mahatma Phule Jayanti
				14 th April Dr. Babasaheb Ambedkar Jayanti
Third week	Regular office work	Examination Work Practical examination of B. Sc Part I and II	University Examination	
Fourth Week	Regular office work	IQAC Meeting Term End Meeting Examination Work	University Examination for Semester for the repeater and regular students	30 th April 2024-Last working day of academic year 23-24



Madha Taluka Shikshan Prasarak Kurduwadi Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Bhosare
NAAC 'A' grade (3.10 CGPA)
(2023-2024)

Department of Physics

ACCADEMIC CALENDER 2023-24

Month	Activity
June 2023	Admission process, Departmental meetings,
July 2023	Departmental meeting, Admission process, Time table of theory, CHB allocation, Preparation of departmental audit of 2022-23
Aug 2023	Departmental meeting, Time table of practical batches, Bridge course, Celebration of Independence day
Sept 2023	Celebration of Teachers day, Arrange guest lectures, Unit test No.1, model question papers, Departmental meetings, Inauguration of Club, Guest lecture for different activities,
Oct 2023	Internal examination, University examination, Departmental meetings, VACATION
Nov 2023	Students project, Staff meeting, Departmental meeting
Dec 2023	Students project completion, Attending different conferences, Study tour, Industrial visit, Departmental meeting
Jan 2024	New year celebration, Revision of syllabus, Departmental meetings, Unit test No.2,
Feb 2024	Science day celebration, Departmental meeting chapter wise tests
March 2024	Guest lecturers for different activities, model question papers solution, Revision of the syllabus, Seminars of III yr., Quiz competition, Internal practical examination
April 2024	Feedback from students, University examination, Staff meeting, University duties (if any)
May 2024	University duties (if any), Term end meeting, Summer Vacation

Note: Birth/death anniversary of physicist shall be arranged time to time throughout the year

Head, Department of Physics
KNBAC & VPS College, Bhosare.

I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapu




Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare


Department of History

Departmental Calendar

Year- 2023-24

Sr. No.	Month	Activity
1	July	Admission Process
2	August	Online Guest lecture on 9 th August Kranti din
3	September	Teachers Day
4	October	Guest Lecture on The Gandhi Jayanti
5	November	Inauguration of History Forums Inauguration of Certificate Course
6	December	Semester Exam
7	January	Celebration of Birth Anniversary of Swami Vivekananda Student's Seminar on Savitribai Phule Jayanti Online International Seminar
8	February	Allotment of Field Project to students Guest lecture on Shivjayanti. Organization of Historical Tour
9	March	Guest lecture on International Women Day
10	April	Lecture on Career in History
11	May	Semester Exam


Head, Department of History
KNBAC & VPS College, Bhosare.


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare. Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanagar, Bhosare**

Paranda Road, Kurduwadi, Tal- Madha, Dist Solapur Pin- 413208 (Maharashtra)

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**Department of Political Science
Academic Plan 2023-2024**

Sr. No.	Name of the activity	Date/ Month	Particulars
1	Bridge Course	July-2023	
2	Guest Lectures	Oct-2023	On Syllabus
		Jan-2024	On Syllabus
3	Tour/Visit	Januay-2024	Visit to Grampanchayat / Library
4	Activities	Aug-2023	15 th August
		Sept-2023	Teachers Day
5	Internal Test	Nov-2023	Test on Syllabus
		Feb-2024	Test on Syllabus
6	CIE	Nov-Dec-2023	Test on Syllabus
		Jan-Feb-2024	Test on Syllabus
7	Departmental Meeting	June-2023	Meeting
		March-2024	Plan for next Year
8	Social Activities	Sept-2023	Swacha Bharat Abhiyan
		Jan-2024	Tree Plantation
9	Special Days Celebration	26 Nov- 2023	Constitution Day
		26 Jan-2024	Republic Day
10	Certificate Course	Nov-Dec-2023	
11	Remedial Classes	Dec-2023	B.A.II

Equipments Required

- Scanner -1

- Printer -1

- Stationary

Required Budget

- Certificate Course - 5000/-

- Reference Books - 5000/-

- Other -1500/-

Total

- **11500/-**


HoD



I/c. Principal

**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur**

Madha Taluka Shikshan Prasarak Mandal's.

**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE
COLLEGE, VIDYANAGAR, BHOSARE (KURDUWADI)**

**Department of Geography
Academic Calendar (Year: 2023-2024)**

Sr. No.	Months	Date	Name of Activity
1	August		1. Admission Process
2	September	16 September	1. International Ozone Day 2. Inougaration of Geography forum 4. Departmental Meeting
3	October	-	1. Unit test for all classes
4	November	-	Internal and University Exam
5	December	14 December	1. World Energy Day 2. Unit test for all classes
6	January	1) 14 January 2) 25 January	1. Geography Day- Guest Lecture on Career Opportunity in Geography 2. U. it-test for all classes 3. Indian Tourism Day
7	February	28 Feb.	1. National Science Day 2. Unit test for all classes 3. Project Work-Survey 4. Study Tour
8	March	1) 21 March 2) 22 March	1. World Forest Day 2. World Water Day 3. farewell function 4. Practical Slip test 5. University Practical Exam
9	April	22 April	1. World Earth Day 2. University Exam


H.O.D.

Head. Department of Geography



I/c. Principal
**K.N. Bhise Arts, Commerce &
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Vidyanagar Bhosare, Dist-Solapur**


Madha Taluka Shikshan Prasarak Mandal's
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE,
VIDYANAGAR, BHOSARE
NAAC Re-accredited 'A' Grade
Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

Department of Hindi
Departmental Calendar

Year 2023-24

Sr.No.	Months	Program
1.	June	University Exam
2.	July	University Exam, Admission Process
3.	August	Admission Process Departmental Meeting ,Bridge Course Writing Skill - Bio-Data,Letter and Report Writing,Advance and Slow Learner Activity
4.	September	Hindi day, Hindi General Knowledge Test, Essay Writing, Guest Lecture, Elocution Competition, MOU Activity
5.	October	CIE Test Group Discussion on National Youth Day Advance Learner Activity
6.	November	College Internal test Swayansidha Youthi Sammelan -Baramti
7.	December	Mentor Mentee Meeting, Seminar B.A.II, Open Book Exam CIE Test, Student Centric Activity, Guest Lecturer- Personality Development, Hindi Vicharmanthan, Slow learner Activity
8.	January	CIE Test, International Hindi Day - Essay Competition, Alumni Guest Lecturer Seminar B.A.III,
9.	February	Departmental Meeting ,Guest Lecturer, MOU Activity'Hindi Manak Vartani Course' Inauguration program
10.	March	Celebration of Women's day, CIE Test. Post Office Visit, Bank Visit, Railway Visit Hindi Seminar, Hindi Manak Vartani Course
11.	April	Mentor Mentee Meeting, ,Test, Open Book Exam, Advance Learner test ,Hindi Project Work, Rojgarparak Hindi
12.	May	Internal test, University Exam


Head, Department of Hindi
K.N.B.A.C. & V.P.S. College Bhosare


I/c.Principal
K.N.Bhise Arts, Commerce &
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Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
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Department of Microbiology
Academic Plan 2023-24

Curricular, Co curricular and Extracurricular activities

Sr. no	Month	Activity
1	July	<ul style="list-style-type: none">• Result analysis of previous year• To conduct bridge course for B. Sc. I year student.
2	August	<ul style="list-style-type: none">• Departmental Meeting will be held on second Friday of the month• Distribution of syllabus and conduct orientation or induction Programme for B.Sc. I year student
3	September	<ul style="list-style-type: none">• To conduct CIE• Inauguration of Microbiologist Society, India Student unit• To celebrate international Microorganism day.• To arrange student seminar every Thursday
4	October	<ul style="list-style-type: none">• To conduct unit test for B. Sc. I and B. Sc. II & III year• To arrange student seminar every Thursday
5	December	<ul style="list-style-type: none">• To arrange student seminar every Thursday• Departmental Meeting will be held on second Friday of the month• To arrange alumni engagement by organizing interactive meet.
6	January	<ul style="list-style-type: none">• To conduct CIE• To arrange expert lecture on scope of microbiology and bioinformatics• To arrange student seminar every Thursday
7	February	<ul style="list-style-type: none">• Departmental Meeting will be held for discussion of certificate course• To organize field/ industrial visit for B.Sc. II and B.Sc. III-year student.• To Run a certificate course on diagnostic Microbiology.
8	March	<ul style="list-style-type: none">• To organize food festival for advance learner• Completion of Certificate course in Clinical Microbiology and distribution of certificates.
9	April	<ul style="list-style-type: none">• To conduct faculty and student mobility Programme in functional MOU scheme for academic flexibility.• To prepare and submission of all documents to IQAC required for NAAC.
10	May	<ul style="list-style-type: none">• Annual academic Audit• Maintenance of stock and deadstock record for chemicals and glassware's.


Head


Department of Microbiology


I/c. Principal
**K.N.Bhise Arts, Commerce &
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Vidyanagar Bhosare, Dist-Solapur**

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of English
Academic Plan
2023-24**

Sr. No.	Date/ Month	Name of the activity	Particulars
1	July-2023	Admission and Exam	Admission Committee/ External Supervisor
2	Aug-2023	Departmental Meeting - 1	Distribution of Workload
3	Sept-2023	Departmental Activities	Literary Association Workshop on Syllabus
4	Oct-2023	Guest Lecture	On Syllabus
5	Oct-2023	Certificate Course	Spoken English Soft Skills
6	Nov-2023	Departmental Meeting - 2	Discussion on planning of activities on result
7	Dec-2023	Departmental Meeting - 3	Tour and Activities
8	Jan-2024	Tour	Departmental Tour to learn literature
9	Jan-2024	Essay Writing Competition	General Topic
10	Jan-2024	Gender Activities	Beti Bachao Abhiyan
11	Feb-2024	Guest Lectures	On Career Opportunities
12	Feb-2024	Student's Seminar	On Syllabus
13	Feb-2024	Projects	Literacy of English
14	Mar-2024	Internal Test/CIE	Test on Syllabus
15	Mar-2024	Certificate Course	Functional English
16	Mar-2024	Social Activities	Swacha Bharat Abhiyan
17	Apr-2024	Internal Test/CIE	Test on Syllabus
18	Apr-2024	Workshop/Conference	International Conference
19	26 April 2024	Special Days Celebration	Shakespeare's Birth Anniversary
20	April-2024	Departmental Meeting - 4	Plan for next Year
21	April-2024	Get-together	Send Off/Farewell


Head, Department of English
KNBAC & VPS College, Bhosare,


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Vidvanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Department of Marathi
Departmental Academic Calendar
Year-2023-24

Sr. No.	Month	Activity
1	July	Admission Process
2	August	Departmental Meeting -1 Student Oriented Activities. CIE Test
3	September	Celebration of Teacher's Day Class tests, Screening of film (B.AII-Warnecha Wagh) Inauguration of Marathi Wangmay Mandal
4	October	Vachan Prerna Din, Guest Lecture- On Syllabus .. University Internal Exam-Last week
5	November	Departmental Meeting -2 University Exam/ Semester Exam
6	December	Departmental Meeting -3 Online/Offline Guest Lectures.
7	January	Activity on 'Marathi Bhasha Sanvardhan Pandharwada'. Study Tour
8	February	Marathi Bhasha Din Inauguration of Certificate Course, Students Seminar Student's Seminar , Inauguration of Certificate Course, Book Review (B,A III)
9	March	Departmental Meeting-4 Send Off
10	April	Univerisy Exm

Pravara
 Head, Department of Marathi
 KNBAC & VPS College, Bhosare,

Pravara
 प्रभारी प्राचार्य
 के.एन. भिसे आर्ट्स, कॉमर्स अँड
 विनायकराव पाटील सायन्स कॉलेज
 विद्यानगर भोसरे, दि. सोलापूर

Madha Taluka Shikshan Prasarak Mandal's
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Vidyanagar, Bhosare,

DEPARTMENT OF BOTANY
Academic Plan 2023 - 2024

Sr No	Month	Activities
1	August 2023	1) Departmental Meeting about year plan 2) Bridge Course of FYBSc Students 3) Bridge Course of SYBSc Students
2	September 2023	1) CIE Test on covered syllabus for F.Y.B.Sc in Second week 2) CIE Test on covered syllabus for S.Y.B.Sc in Third week 3) Extension Activity – Study of Local Flora for FYBSc Students
3	October 2023	1) CIE Test on covered syllabus for F.Y.B.Sc in Second week 2) CIE Test on covered syllabus for S.Y.B.Sc in Third week 3) Soft Skill Lecture on Time Management 4) Seminars of Fast Learners 5) Mentor Mentee meetings in second week
4	November 2023	1) Lecture on Cross Cutting Issue for F.Y. B.Sc students 2) Lecture on Cross Cutting Issue for S.Y. B.Sc students
5	December 2023	1) University Internal Exam for F.Y.B.Sc 2) University Internal Exam for S.Y.B.Sc
6	January 2024	1) Arrangement of a Study tour for S.Y. B. Sc 2) Certificate course in Nursery 3) Mentor Mentee meetings in second week 4) Arrangement of one MOU Activity
7	February 2024	1) General Test on covered syllabus for F.Y.B.Sc 2) Arrangement of a one Day Study tour for F.Y. B. Sc 3) Remedial teaching for Students reappearing exams
8	March 2024	1) General Test on covered syllabus for S.Y.B.Sc 2) Remedial teaching for Students reappearing exams 3) Mentor Mentee meetings in second week 4) University Internal Exam for F.Y.B.Sc
9	April 2024	1) University Internal Exam for F.Y.B.Sc 2) University Internal Exam for S.Y.B.Sc

Bhise
I/c.Principal
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 Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)


Department of Chemistry
Departmental Academic Calendar
Year 2023-2024

Sr.No.	Month	Class	Week	Activities
1	July		Second week	Departmental meeting, Admission process
2	August	-	First week	departmental meeting
		B.Sc. I	First week	Bridge course
		BSc.III	Second week	Admission process
			Third week	Bridge course
		B.Sc.I	Last week	CIE
			26 august 2023	Celebration of Antoine Lavoisier Birth anniversary. (Father of Chemistry) Student oriented activity on periodic table
			Last week	Allotment of mentor-mentee
			Last week	NAAC work
3	September	B.Sc.II	First week	Second year admission process
				Result analysis
			Second week	Bridge Course
	September	I, II, III	First week 16 September(World Ozone Day)	Extracurricular activities Environmental awareness activity (quiz)/ Tree plantation program
		III	Second week	Inauguration of Student Study Association. Guest lecture on career guidance. (MOU). Student oriented activities (seminar)
			Third week	Departmental meeting
		B.Sc. I, II,III	Last week	Value added certificate course.
				CIE
4	October	I, III	Second week	Extracurricular activities Guest Lecture on soft skills.

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			15 th October	Celebration of Birth Anniversary Dr. A. P. J. Abdul Kalam (Reading Inspiration Day) (student co-curricular activity-quiz/GD)
		I,II,III	Last week	CIE
			Last week	Departmental meeting
5	November	I, II, III	First week	Student oriented activities/ extension activities
		I,II,III	First week	Remedial lectures, Internal exam
4	December	I, II, III		University theory exam and assessment
5	January	I,II,III	First week	Student oriented activities, Guest lectures (Alumni)
6	February	I, II, III	First week	Result Analysis
			Second week	Departmental meeting
		I,II& III	First week	Soft Skill programme/ Lectures/ Seminar/Workshop
		I, II, III	Third week	CIE
		I,II,III	28/02/2024	Celebration of National Science Day
		III	Last week	CIE
7	March	I,II,III	First week	Student oriented activities
		I, II, III	Last week	Remedial lectures
			Last week	Departmental meeting
8	April	I, II, III	First week	Remedial lectures
		I,II,III	Second week	Internal Uni Examination and Assessment


 Head, Department of Chemistry
 KNSAC & VPS College, Bhosare.


 I/c. Principal
 K.N.Bhise Arts, Commerce &
 Vinayakrao Patil Science College
 Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE
COLLEGE, BHOSARE
Department of Zoology

Academic Calendar 2023-2024

Sr. no	Month	Activity
1	July	Prepare departmental calendar to conduct B.Sc.I Theory and practicals. Introduction of syllabus.
2	August	B.Sc. I Theory and practicals Open Book Test for B.Sc. I Introduction of syllabus and theory lectures for B.Sc. II
3	September	Theory and practicals , submission of Proposal for seminar B.Sc, II internal Test
4	October	Theory and Practical , Journal Completion for Semester I and Semester III Unit test for B.Sc. I and B.Sc. II
5	December	Theory and practical conduction
6	January	Theory and practical conduction
7	February	Theory and practical conduction , Completion, and certification of Review article for B.Sc. II
8	March	Theory and practical conduction , Journal Completion and certification for Semester II and Semester IV
9	April	Theory and practical conduction continue
10	May	Unit test , Theory and practical conduction , College assessment of theory and practical Preparation and conduction of University practical examination for B.Sc. I and B.Sc. II subject Zoology.


I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur

Department of Economics Academic Calendar 2023-2024

Date	June	July	August	September	October	Nov.	December	January	February	March	April	May
1			Solapur University Foundation Day		Remedial Classes		International Aids Day					Maharashtra Day
2					Gandhi Jayanti			Inauguration of Short Term Certificate Course	Mentor Mentee Meeting			
3												
4					Faculties Syllabus complisation report Submission		Work shop proposal					
5				Teachers Day								
6												
7				Soft Skill Development Programme	University Exam		Remidial Classes					
8										Women's Day		
9		Departmental Meeting										
10		Distribution Of Work load	Result Analysis B.A.III	Mentor Mentee Meeting						Farewell Function B.A. III		
11		World Population Day		Guest Lecture			Inauguration of Economic Fouram					
12							Test B.A.I (CIE III)					
13	Admission Process Start	Bridge Course		Internal Exam. B.A.II (30M)			Test B.A.II (CIE III)					
14		Bridge Course		External Exam. B.A.I (10M)			Test B.A.III (CIE III)	Test B.A.I (CIE IV)				
15		Bridge Course	Independence Day									
16		Bridge Course							University Test B.A.I			
17		Teaching plans Collections						Test B.A.II (CIE IV)				
18				External Exam. B.A.III (30M)			One day Workshop		University Test B.A.II			
19								Test B.A.III(CIE IV)				
20		Test B.A.I (CIE I)										
21									University Test B.A.III			
22		Test B.A.II (CIE I)										
23												
24		Test B.A.III (CIE I)	Test B.A.I (CIE II)				Study Tour /Industrial Visit			Faculties Syllabus complisation report Submission		
25				Mentor Mentee Meeting								
26				Seminar B.A.II (CIE II)								
27				Test B.A.III (CIE II)								
28												
29												
30												
31												

Head, Department of Economics
KNRAC & VPS College, Bhosare.

I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.
(NAAC Re-accruited 'A' Grade)
Paranda Road, Kurduwadi, Tal-Madha, Dist-Solapur, Pin-413 208 (Maharashtra)

Department of Mathematics
Academic Calendar (2023-24)

Sr. No.	Month	Date	Activity
1.	July	13 July to 31 July	Admission Process
		20 July 2023	Departmental Meeting
2.	August	19,26 August 2023	Unit Test
3.	September	4-9 September 2023	Remedial Classes
		16, 23, 30 September 2023	Unit Test
4.	October	7,21,28 October 2023	Unit Test
5.	November	First Week	CA-Internal University Examination
6.	December	22 December 2023	National Mathematics Day
7.	January	13 January 2024	Guest Lecture
		20, 27 January 2024	Unit Test
8.	February	1-5 February 2024	Remedial Classes
		10, 17 February 2024	Unit Test
		19-28 February 2024	Certificate course in Mathematics for Competitive Exams
9.	March	Forth Week	CA-Internal University Examination
10.	April	Second Week	University Practical Examination
			Departmental Meeting
11.	May	May	University Theory Examination,

(Signature)

Mr. V.S. Shinde
Dept. of Mathematics

(Signature)
I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar, Tal-Madha, Dist-Solapur

K. N. Bhise Arts, Commerce and Vinaykrao Patil Science College, Vidyanagar Bhosare

TIME TABLE (2023-2024)

Period No	Time	Class	MON.	TUE.	WED.	THU	FRI	SAT.
1	8.00 to 8.48	B.A.I B.A..II B.A.III. B.om.I B.com.II B.com.III	Mar. Div A Mar. Div B Hin / Eng. Eng/Mar/Hin Hist./Eco./Geo	Mar. Div A Mar. Div B Hin / Eng. Eng/Mar/Hin Hist./Eco./Geo	Mar. Div A Mar. Div B Hin / Eng. Eng/Mar/Hin Hist./Eco./Geo	Hin Div A Opt. Eng Hin Div B Hist. / Mar. Eng./Mar./Hin./ His./Eco./Geo.	Hin Div A Opt. Eng Hin Div B Hist. / Mar. Eng./Mar./Hin./ His./Eco./Geo.	Hin Div A Opt. Eng Hin Div B Hist. / Mar. Eng./Mar./Hin./ His./Eco./Geo. Eng. Stat Co-op. H
2	8.48 to 9.36	B.A.I B.A..II B.A.III. B.om.I B.com.II B.com.III	Geo Div A Geo Div B Eco. / Geo. Eng./ Mar./ Hin Hist / Eco/ Geo	Geo Div A Geo Div B Eco. / Geo. Eng./ Mar./ Hin Hist / Eco/ Geo	Geo Div A Geo Div B Eco. / Geo. Eng./ Mar./ Hin Hist / Eco/ Geo	His. Div A His. Div B Eco. / Geo. Eng./Mar/Hin His./Eco/Geo	His. Div A His. Div B Eco. / Geo. Eng./Mar/Hin His./Eco/Geo	His. Div A His. Div B Eco. / Geo. Eng./Mar/Hin His./Eco/Geo Mar. ACC M. Law (BRF) H
3	9.36 to 10.24	B.A.I B.A..II B.A.III. B.om.I B.com.II B.com.III	Eng.(Comp.) Div A Eng.(Comp.) Div B PA/GT /SR Eng. (Comp.) Geo. Eco. MMP H	Eng.(Comp.) Div A Eng.(Comp.) Div B PA/GT /SR Eng (comp.) Geo Eco MMP	Eng.(Comp.) Div A Eng.(Comp.) Div B PA/GT /SR Eng (comp.) Geo Eco MMP	STD.(Comp) Div A STD.(Comp) Div B Eng.(Comp.) Div A Eng/Mar/Hin/ His/Eco/Geo PBM Eng ACC	STD.(Comp) Div A STD.(Comp) Div B Eng.(Comp.) Eng/Mar/Hin/ His/Eco/Geo PBM Eng ACC	STD.(Comp) Div A STD.(Comp) Div B Eng.(Comp.) Eng/Mar/Hin/ His/Eco/Geo PBM Eng ACC
10.24 To 10.35 Interval								
4	10.35 to 11.23	B.A.I B.A..II B.A.III.	Eco / (Pol Div A) His. / Mar Eng/Mar/Hin His/Eco/Geo.	Eco / (Pol Div A) His. / Mar Eng/Mar/Hin His/Eco/Geo.	Eco / (Pol Div A) His. / Mar Eng/Mar/Hin His/Eco/Geo.	Pol Div B Hin / Eng Eng/Mar/Hin/ His/Eco/Geo	Pol Div B Hin / Eng Eng/Mar/Hin/ His/Eco/Geo	Pol Div B Hin / Eng Eng. (Comp)

4	10.35 to 11.23	B.om.I B.com.II B.com.III	Eco. ACC M.Law (BRF) II	ACC Eco MMP H	Geo. Bank. ACC H	Mar. Eng. ACC H	Eng. FE. Eco. H	PBM Stat. Co-op. H
5	11.23 to 12.11	B.A.I B.A.II B.A.III B.com.II	Eng.(Comp.) Div A Eng.(Comp.) Div B Pol / NCC Geo. (P) Envr,	STD.(Comp) Div A STD.(Comp) Div B Pol / NCC Geo. (P) Envr,	ECO Pol / NCC/ Geo. (P) Envr,	Hin Div A Hin Div B Pol / NCC Geo. (P)	His. Div A His. Div B Pol / NCC Geo. (P)	Geo. Div A Geo. Div B Pol / NCC Geo. (P)
6	12.11 to 12.59	B.A.I B.A.II B.A.III	Eng.(Opt.) Eco / Geo. Geo. (P)	NCC Pol / NCC Geo. (P)	NCC / Pol Div B Eco. / Geo. Geo. (P)	NCC Pol. Geo. (P)	NCC Mar. / His Geo. (P)	Mar Div A Mar Div B Mar. / His Geo. (P)
7	12.59 to 01.47	B.A.I B.A.II B.A.III	Geo. Eng. / Hin. --	Phy - Edu. Eng. / Hin	Phy - Edu. Eng.(Comp.)	Phy - Edu. PA/GT /SR	Phy - Edu. NCC	Pol Div A Envr.
		B.A.I						
8	1.47 to 2.35	B.A.II B.A.III	Envr.	Envr.	Envr.	--	--	--
		B.A.III						

R. G. Patil

Time Table
Incharge

(Dr. Pantulwar R-G)

B. N. Bhise

I/c. Principal

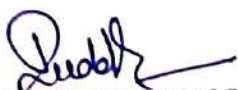
**K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Widyanagar Bhosare, Dist-Solapur**

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare

Department of Chemistry

Time Table: 2023-24

Time	Class/Day	Mon	Tue	Wed	Thu	Fri	Sat
08:00 to 08:48	B. Sc. I	-	-	-	-	-	-
	B. Sc. III	STP	SPP	SPP	BMM	MMP	MMP
08:48 to 09:36	B. Sc. I	MMP	MMP	VSS	VSS	VSS	-
	B. Sc. III	SPP	STP	STP	AAP	BMM	VSS
09:36 to 10:24	B. Sc. I	-	-	-	-	-	-
	B. Sc. III	AAP	VSS	BMM	-	-	-
10:24 to 11:12	B. Sc. I	-	-	-	-	-	-
	B. Sc. III	MMP CC	CC	VSS		-	-
12:20 to 1:08	B.Sc. II	AAP	AAP	SPP	SPP	-	-
1:08 to 1:56	B.Sc. II	-	-	-	-	SPP	AAP


 Head, Department of Chemistry
 KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare

Department of Chemistry

Practical Time Table: 2023-2024

Time	Class/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
11.30 02:44	B. Sc – I	-	SPP	VSS	AAP	BMM	MMP/ STP
	B. Sc- III	SPP(A) Org	MMP (A) Phy	AAP(A) Inorg	STP(B) Phy	VSS(B) Inorg.	BMM(B) org.
11.30 2.44	B.Sc.III	CC				CC	CC
08:00 to 11:12	B. Sc – II	VSS	VSS	MMP	MMP	SPP	SPP

Total Workload

Name of the Teacher	VSS	SPP	MMP	AAP	STP	BMM
Theory	06	06	05	05	03	03
Practical	17	17	17	9	9	9
Total	23	23	22	14	12	12

VSS : Mrs. Vandana Sandipan Shinde


SPP : Mr. Shankar Pralhadrao Phulwale

MMP: Mr. Madanrao Mohanrao Patil

AAP: Dr. Amol Abhimanyu Patil

STP: Mr. Shivaji Tanaji Pawar

BMM: Mr. Balaji Mahadev Mali


 Head, Department of Chemistry
 KNBAC & VPS College, Bhosare.


I/c. Principal
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 Vidyanagar Bhosare, Dist-Solapur


Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare

Department of Chemistry
Individual Time Table
Academic year: 2023-2024

Time	Class /Day	Mon	Tue	Wed	Thu	Fri	Sat
08:00 to 08:48	B. Sc. I	-	-	-	-	-	-
	B. Sc. III						
08:48 to 09:36	B. Sc. I			VSS Paper II	VSS Paper II	VSS Paper II	-
	B. Sc. III						VSS Paper X
09:36 to 10:24	B. Sc. I		-	-	-	-	-
	B. Sc. III		VSS Paper X				
10:24 to 11:12	B. Sc. I	-	-	-	-	-	-
	B. Sc. III			VSS Paper X			
1: 56 to 2.44	B.Sc. II	-	-	-	-		-
3.00 to 3.50	Certificate course	VSS/SPP/MP	MMP/VSS/SPP				

Mrs. Shinde V.S.


Head, Department of Chemistry
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

(P.T.O.)


Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare

Department of Chemistry
Time Table
Academic year: 2023-2024
Practicals

Time	Class/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
11.30 to 02:44	B. Sc - I	-		VSS			
	B.Sc- III					VSS(B) Inorg.	
3.00 to 6.00	B.Sc.III					CC MMP/SPP /VSS	CC VSS/SPP/ MMP
08:00 to 11:15	B. Sc - II	VSS	VSS				

Total Workload

Name of the Teacher	Mrs. Vandana Sandipan Shinde
Theory	06
Practical	17
Total	23


(Mrs. Shinde V.S.)


Head, Department of Chemistry
KNBAC & VPS College, Bhosare


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

E-mail :- knbacck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

No. KNBACCK/

Date :

Time Table: 2023-2024

Department of Chemistry

Name of Teacher: Prof. Shankar Pralhadrao Phulwale (SPP)


Period/ Practical	Time	Mon	Tue	Wed	Thu	Fri	Sat
1	8:00 to 8:48	-	B. Sc.-III	B. Sc.-III	-	-	-
2	8:48 to 9:36	B. Sc.-III	-	-	-	-	-
3	9:36 to 10:24		-	-	-	-	-
4	12:20 to 01:08	-	-	B. Sc.-II (F-3)	B. Sc.-II (F-3)	-	-
5	01:08 to 01:56	-	-	-	-	B. Sc.-II (F-3)	-
Class		Practical's					
B. Sc.-I	11:32 to 02:44	-	B. Sc.-I (Pr.)	-	-	-	-
B. Sc.-II	08:00 to 11:12	-	-	-	-	B. Sc.-II (Pr.)	B. Sc.-II (Pr.)
B. Sc.-III	11:32 to 02:44	B. Sc.-III (Pr.)	-	-	-	-	-

Total Workload:

- Shankar Pralhadrao Phulwale- 23



(Shankar P. Phulwale)


 Head, Department of Chemistry
 KNBAC & VPS College, Bhosare


 I/c. Principal
 K.N. Bhise Arts, Commerce &
 Vinayakrao Patil Science College,
 Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

E-mail :- knbaceck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

No. KNBACCK/

Date :

Time Table: 2023-2024

Department of Chemistry

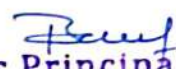
Name of Teacher: Prof. Madanrao Mohanrao Patil (MMP)


Period/ Practical	Time	Mon	Tue	Wed	Thu	Fri	Sat
1	8:00 to 8:48	-	-	-		B. Sc.-III	B. Sc.-III
2	8:48 to 9:36	B. Sc.-I (F-3)	B. Sc.-I (F-3)	-	-	-	-
3	9:36 to 10:24	-			-	-	-
4	10:24 to 11:12	B. Sc.-III	-	-	-	-	-
Class	Practical's						
B. Sc.-I	11:32 to 02:44		-	-	-	-	B. Sc.-I (Pr.)
B. Sc.-II	08:00 to 11:12	-	-	B. Sc.-II (Pr.)	B. Sc.-II (Pr.)	-	-
B. Sc.-III	11:32 to 02:44	-	B. Sc.-III (Pr.)	-	-	-	

Total Workload:

- Madanrao Mohanrao Patil- 22


Head, Department of Chemistry
KNBAC & VPS College, Bhosare


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur

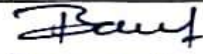

(Mr. Patil M.M.)

Department of History
Departmental Time Table
Year- 2023-24

Sr. No	Name of Professor	Short Name	Workload
1	Prof. Pantulwar R.G	R.G.P.	20
2	Prof. Shejul B.R.	B.R.S.	20

Period No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1]	08 to 08.48	T.Y.B.A.- (RGP) (D5)	T.Y.B.A (RGP)(D5)	T.Y.B.A (RGP)(D5)	S.Y.B.A(B1) P.NO-IV (BRS) T.Y.B.A. (RGP) (D5)	S.Y.B.A (B1) P.NO-IV (BRS) T.Y.B.A. (RGP)(D5)	S.Y.B.A (B1) P.NO-IV (BRS) T.Y.B.A. (RGP)(D5)
2]	8.48 to 9.36	T.Y.B.A. (BRS)(D5)	T.Y.B.A. (BRS)(D5)	T.Y.B.A. (BRS)(D5)	F.Y.B.A D-A (RGP)(B3) D-B (BRS) (D5)	F.Y.B.A D-A (RGP)(B3) D-B (BRS) (D5)	F.Y.B.A D-A (RGP)(B3) D-B (BRS) (D5)
3]	9.36 to 10.24	S.Y.B.A -(D5) H.S.R.M.(RGP)	S.Y.B.A -(D5) H.S.R.M. (RGP)	S.Y.B.A -(D5) H.S.R.M. (RGP)	T.Y.B.A. (BRS) (D5)	T.Y.B.A. (BRS) (D5)	T.Y.B.A. (BRS) (D5)
4]	10.36 to 11.23	S.Y.B.A P. No-III (RGP) T.Y.B.A (BRS) (D5)	S.Y.B.A P .No-III (RGP) T.Y.B.A (BRS) (D5)	S.Y.B.A P. No-III(RGP) T.Y.B.A (BRS) (D5)	T.Y.B.A. (BRS) (D5)	T.Y.B.A (BRS) (D5)	
5]	11.23 to 12.11	T.Y.B.A (RGP) (D5)	T.Y.B.A. (RGP) (D5)	T.Y.B.A (BRS) (D5)		F.Y.B.A- (D-A) (RGP) (D5) (D-B) (BRS) (D4)	
6]	12.11 to 12.59					S.Y.B.A P. No- III (RGP) (D5)	S.Y.B.A. P. No- IV (BRS) (D5)
7]	12.59 to 1.47				S.Y.B.A - H.S.R.M. (RGP) (D5)		
8]	1.47 to 2.35						


Head, Department of History
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar Bhosare
Department of History
Individual Time Table
Year- 2023-24

Sr. No	Name of Professor	Short Name	Workload
1	Prof. Shejul B.R.	B.R.S.	20

Period No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1]	08 to 08.48				S.Y.B.A (B1) P.NO-IV	S.Y.B.A (B1) P.NO-IV	S.Y.B.A (B1) P.NO-IV
2]	8.48 to 9.36	T.Y.B.A. (D5)	T.Y.B.A.(D5)	T.Y.B.A.(D5)	. F.Y.B.A Division -B (D5)	F.Y.B.A Division -B (D5)	F.Y.B.A Division -B (D5)
3]	9.36 to 10.24				T.Y.B.A.(D5)	T.Y.B.A. (D5)	T.Y.B.A. (D5)
4]	10.36 to 11.33	T.Y.B.A (D5)	T.Y.B.A (D5)	T.Y.B.A (BRS) (D5)	T.Y.B.A.(D5)	T.Y.B.A (D5)	
5]	11.33 to 12.21			T.Y.B.A(D5)		F.Y.B.A- (Division B)(D4)	
6]	12.21 to 1.07						S.Y.B.A. P. No- IV (D5)
7]	1.07 to 1.55						
8]	1.55 to 2.43						

R. B. Bhandari
Head, Department of History
KNBAC & VPS College, Bhosare.


B. S. Bhandari
I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Salapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare (Kurduwadi)
 Department of History
 Individual Time Table
Year- 2023-24

Sr. No	Name of Teacher	Workload
1	Prof. Dr. Pantulwar R.G	20

Period No	Time	Mon	Tue	Wed	Thu	Fri	Sat
1]	08 to 08.48	T.Y.B.A.- (D5)	T.Y.B.A (D5)	T.Y.B.A (D5)	T.Y.B.A. (D5)	T.Y.B.A. (D5)	T.Y.B.A. (D5)
2]	8.48 to 9.36				F.Y.B.A Division -A (B3)	F.Y.B.A Division -A (B3)	F.Y.B.A Division - A(B3)
3]	9.36 to 10.24	S.Y.B.A -(D5) H.S.R.M.	S.Y.B.A -(D5) H.S.R.M.	S.Y.B.A -(D5) H.S.R.M.			
4]	10.36 to 11.33	S.Y.B.A P. No-III & V	S.Y.B.A P. No-III & V	S.Y.B.A P. No-III & V			
5]	11.33 to 12.21	T.Y.B.A (D5)	T.Y.B.A. (D5)			F.Y.B.A Division -A (B3)	
6]	12.21 to 1.07					S.Y.B.A (D5) P.NO-III & V	
7]	1.07 to 1.55				S.Y.B.A - H.S.R.M.(D5)		
8]	1.55 to 2.43						


 Head, Department of History
 KNBAC & VPS College, Bhosare.


 I/c.Principal
 K.N.Bhise Arts, Commerce &
 Vinayakrao Patil Science College
 Vidyanagar Bhosare Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar,
Bhosare
Department of English**

Time Table: 2023-2024

Total No. of Papers – 15

Total No. of Lectures – 60 + 4

Period	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 to 8.48	B.A.III Spl B.A.II Opt B.Sc.I Com	B.A.III Spl B.A.II Opt B.Sc.I Com	B.A.III Spl B.A.II Opt B.Sc.I Com	B.A.IOpt B.A.III Spl B.Com.I Com	B.A.IOpt B.A.III Spl B.Com.I Com	B.A.IOpt B.A.III Spl B.Com.I Com
2	8.48 to 9.36	B.A.III Spl	B.A.III Spl	B.A.III Spl	B.A.III Spl	B.A.III Spl	B.A.III Spl
3	9.36 to 10.21	B.A.III Com B.A.I Com (Div. A& B)	B.A.III Com B.A.I Com (Div. A& B)	B.A.III Com B.A.I Com (Div. A& B)	B.A.II Com B.Com.II Com B.Sc.III Com B.A.III Spl	B.A.II Com B.Com.II Com B.Sc.III Com B.A.III Spl	B.A.II Com B.Com.II Com B.Sc.III Com B.A.III Spl
4	10.35 to 11.33			B.Sc.III Com	B.A.III Spl B.A.II Opt B.Com.II Com	B.A.III Spl B.A.II Opt B.Com.I Com	B.A.III Spl B.A.II Opt B.A.III Com
5	11.33 to 12.21	B.A.III Spl B.A.I Com (Div. A& B)	-	B.A.III Spl	-	-	B.Sc.I Com
6	12.21 to 1.07	B.A.IOpt	-	-	-	-	-
7	1.07 to 1.55	B.A.IIOpt	B.A.IIOpt	B.A.II Com	-	-	B.Sc. III Com
8	1.55 to 2.43	-	-	-	-	-	-

TOTAL WORKLOAD = 64

Dr. A. P. Pol = 20+2 = 22

Dr. S. V. Londhe = 20+4 = 24

Mr. K. T. Dhope = 09

Miss Parbat = 09

APol

Head, Department of English
KNBAC & VPS College, Bhosare.

APol

I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

Year - 2023-2024

Time Table

Name of the Teacher: Prof. Dr. A. P. Pol

Workload:16

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08.00 to 8.48	B.A. III Paper XI	B.A. III Paper XI	B.A. III Paper XI	B. A. I Optional	B. A. I Optional	B. A. I Optional
2	08.48 to 09.36				B.A. III Paper IX	B.A. III Paper IX	B.A. III Paper IX
3	09.36 to 10.35	B. A. III Comp	B. A. III Comp	B. A. III Comp		B.A.III Paper VIII	
4	10.35 to 11.33	B.A. III Paper XI	B.A. III Paper IX		B. A.II Paper IV	B. A.II Paper IV	B. A.II Paper IV
5	11.33 to 12.21						B. A. III Comp
6	12.21 to 01.07	B. A. I Optional					
7	01.07 to 01.55		B. A.II Paper IV			B.A.III Paper VIII	
8	01.55 to 02.43						

Total Lectures: 16+4+2 (B.A. I, B.A. II, B.A. III)



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidvanagar Bhosare, Dist-Solapu

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

Year - 2023-2024

Time Table

Name of the Teacher: Prof. Dr. Sachin Londhe

Workload: 24

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 to 8.45	B.A.II Opt	B.A.II Opt	B.A.II Opt	---	--	--
2	8.45 to 9.30	B.A.III Spl	B.A.III Spl	B.A.III Spl	B.A.III Spl	B.A.III Spl	B.A.III Spl
3	9.30 to 10.15	B.A.I English C Div A& B	B.A.I English Div A& B	B.A.I English Div A& B	B.Sc.III English (C)	B.Sc.III English (C)	B.Sc.III English (C)
4	10.30 to 11.15						
5	11.15 to 12.00			B.A.III Spl			
6	12.00 to 12.45	B.A. I English Div A& B			B.A.III Spl		B.Sc. III English (C)
7	12.45 to 1.30		B.A.II Opt				
8	1.30 to 2.15						



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

Year - 2023-2024

Time Table

Name of the Teacher: Mr. Dhope K. T.

Workload:09

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08.00 to 8.48	B. Sc. I Comp	B. Sc. I Comp	B. Sc. I Comp	B. Com I Comp	B. Com I Comp	B. Com I Comp
2	08.48 to 09.36						
3	09.36 to 10.35						
4	10.35 to 11.33				B.A.III Paper VIII		
5	11.33 to 12.21						
6	12.21 to 01.07						
7	01.07 to 01.55				B. Com I Comp		B. Sc. I Comp
8	01.55 to 02.43						

Total Lectures: 09 (B.Com. I, B.Sc. I, B.A. III)

Dhoke

(Dr. Dhope K.T.)

APD

Head, Department of English
KNBAC & VPS College, Bhosare.

APD

I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidvanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

Year - 2023-2024

Time Table

Name of the Teacher: Miss. A. P. Parbat

Workload:09

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08.00 to 8.48						
2	08.48 to 09.36						
3	09.36 to 10.35	B. Com II Comp	B. Com II Comp	B. Com II Comp	B.A.II Comp	B.A.II Comp	B.A.II Comp
4	10.35 to 11.33						B.A.III Paper VIII
5	11.33 to 12.21				B.A.II Comp	B. Com II Comp	
6	12.21 to 01.07						
7	01.07 to 01.55						
8	01.55 to 02.43						

Total Lectures: 09 (B.Com. II, B.A. II, B.A. III)

Head, Department of English
KNBAC & VPS College, Bhosare.

I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidvanagar Bhosare, Dist-Solapur

**K.N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)**


**Department of Zoology
Department Time Table Year 2023-2024
B.Sc. I Year**

Time	Mon	Tue	Wed	Thur	Fri	Sat
8.00 to 8.48						Zoology (SSK)
8.48 to 9.36						
9.36 to 10.24	Zoology (SSK)	Zoology (SSK)				
10.24 to 11.12				Zoology (SSK)	Zoology (SSK)	

Practical 11.32 to 2.44

Subject	Mon	Tue	Wed	Thur	Fri	Sat
Zoology	Zoology (SSK)	Zoology (SSK)				Zoology (SSK)


SSK – Dr. Somnath Sushant Kshirsagar


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**K.N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)**


Department of Zoology

Department Time Table Year 2023-2024

B.Sc. II Year

Time	Mon	Tue	Wed	Thur	Fri	Sat
8.00 to 11.12 Practical					Batch D(SSK)	Batch D(SSK)
11.32 to 12.20			Zoology (SSK) Theory	Zoology (SSK) Theory	Zoology (SSK) Theory	Zoology (SSK) Theory
12.20 to 1.08						
1.08 to 1.56	Zoology (SSK) Theory	Zoology (SSK) Theory				
1.56 to 2.44						

SSK – Dr. Somnath Sushant Kshirsagar


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil
 Science College, Vidyanagar, Bhosare**

**Department of Botany
 Departmental Time Table
 2023 - 2024**

Time/Day	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8.00 – 11.12	S.Y. (Pract) AMG	S.Y. (Pract) AMG				
8.48 – 9.36						F.Y. (Th) AMG
9.36 – 10.24				F.Y. (Th) AMG (Extra)	F.Y. (Th) AMG	
10.24 – 11.12	F.Y. (Th) CHB		F.Y. (Th) CHB			
11.32 – 2.44			F.Y. (Pract) AMG	F.Y. (Pract) AMG	F.Y. (Pract) CHB	F.Y. (Pract) CHB
11.32 – 12.20			S.Y. (Th) CHB	S.Y. (Th) CHB	S.Y. (Th) AMG	S.Y. (Th) AMG
12.20 – 1.08						
1.08 – 1.56	S.Y. (Th) AMG (Extra)					
1.56 – 2.44		S.Y. (Th) CHB				

Bauy
I/c.Principal
 K.N.Bhise Jr.College of Arts,Comm
 And Vinayakrao Patil Science College
 Vidyanagar Bhosare,Dist Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil
 Science College, Vidyanagar, Bhosare**

Department of Botany

2023 - 2024

Individual Time- table : Prof. Goyal A. M.

Time/Day	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8.00 – 11.12	S.Y. (Pract) AMG	S.Y. (Pract) AMG				
8.48 – 9.36						F.Y. (Th) AMG
9.36 – 10.24				F.Y. (Th) AMG (Extra)	F.Y. (Th) AMG	
11.32 – 2.44			F.Y. (Pract) AMG	F.Y. (Pract) AMG		
11.32 – 12.20					S.Y. (Th) AMG	S.Y. (Th) AMG
12.20 – 1.08						
1.08 – 1.56	S.Y. (Th) AMG (Extra)					

Workload Distribution:

Prof. Goyal A. M. : Total workload - 22

F.Y.B.Sc : Theory = 03

Practical (04 x 2) = 08

S.Y.B.Sc : Theory = 03

Practical (04 x 2) = 08

 Total = 22


B. M. Patil
I/c.Principal
 K.N.Bhise Jr.College of Arts,Comm
 And Vinayakrao Patil Science College
 Vidyanagar Bhosare,Dist Solapu


K.N.Bhise Arts, Commerce and Vinaykrao Patil Science College, Vidyanagar Bhosare

DEPARTMENT OF GEOGRAPHY TIME TABLE (2023-2024)

Period No.	Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 to 8.48	B.A.III.	Geo(C2KSM)	Geo(C2KSM)	Geo(C2 KSM)	Geo(C2 WAG)	Geo(C2 WAG)	Geo(C2 WAG)
		B.Sc. I				Geo (F2 RRP)	Geo (F2 RRP)	Geo (F2 RRP)
2	8. 48 to 9.36	B.A.I	Geo Div A(B3) (VBN)	Geo Div A(B3) (VBN)	Geo Div A (B3) (VBN)			
			Geo Div B (C6) (VBN)	Geo Div B (C6) (VBN)	Geo Div B (C6) (VBN)			
		B.A..II	Geo.(B2 WAG)	Geo.(B2 WAG)	Geo.(B2 WAG)	Geo.(B2)(VBN)	Geo.(B2)(VBN)	Geo.(B2)(VBN)
		B.A.III.	Geo(C2 BAM)	Geo(C2 BAM)	Geo(C2 BAM)	Geo.(B2 BAM)	Geo.(B2 WAG)	Geo.(B2 KSM)
3	9. 36 to 10.24	B.A. I				STD. Div A(B3 WAG)	STD. Div A(B3 WAG)	STD. Div A(B3 WAG)
		B.Sc. I		Geog (F2 VBN)	Geog (F2 VBN)			
		B.com I	Geo B4 BAM	Geo B4 BAM	Geo B4 BAM	STD.Div B (C6)	STD.Div B (C6)	STD.Div B (C6)
		B.A..II	GT (B1 KSM)	GT (B1 KSM)	GT (B1 KSM)			
		B.A.III.				Geo P (C2VBN)	Geo P (C2VBN)	Geo P(C2 VBN)
10. 24 To 10. 35 Interval								
4	10.35 to 11.33	B.A.III.	Geo. (P)(C2) (VBN)	Geo. (P)(C2) (VBN)	Geo P (C2 KAA)	Geo P (C2 KAA)	Geo P(C2 RRP)	
5	11. 33 To12. 21	B.A.I		STD. Div A(D2) (WAG)				Geo Div A(B3) (VBN)
				STD Div B (D4)				Geo. Div B (D4) (VBN)
		B.A.III	Geo. (P)(C2) (VBN)	Geo. (P)(C2) (VBN)	Geo P (C2 VBN)	Geo P (C2 VBN)	Geo.p (VBN)	Geo.p (VBN)
6	12.21 to 01.07	B.A.I	Geo Div A(B3) (VBN)					
			Geo Div B (C6) (VBN)					
		B.Sc. II			Geo (F2 RRP)	Geo (F2 RRP)	Geo (F2 RRP)	Geo (F2 RRP)
		B.A..II	Geo. (C6) (VBN)		Geo.(C2 PRRP)			
B.A.III	Geo. (P)(C2) (WAG)	Geo. (P)(C2) (BAM)	Geo. (P)(C2) (KSM)	Geo. (P)(C2) (RRP)	Geo. (P)(C2) (VBN)	Geo. (P)(C2) BAM)		
7	01.07 to 01.55	B.Sc.II	Geo (F2 RRP)	Geo (F2 RRP)				
		B.A..II				GT(C2) (BAM)		Env. (C2) (RRP)
		B.A..III	Geo. (P)(C2) (VBN)	Geo. (P)(C2) (VBN)	Geo P (C2 VBN)	Geo P (C2 VBN)	Geo.p (VBN)	Geo.p (VBN)
8	1. 55 to 2.43	B.A..II	Env. (C2) (RRP)	Env. (C2) (RRP)	Env. (C2) (RRP)	Geo.(B2)(VBN)		--

Sr.No	Name Of Professor	Short Name	Workload
1	Dr. Nagare V.B	VBN	24
2	Dr. Patil Ranjeet	RRP	16
3	Wakade A.G	WAG	12
4	Prof. Band A.M	BAM	10
6	Kamble S.M	KSM	14


 Dept of Geography
Head, Department of Geography
 H.O.D
 (Dr. V.B. Nagare)


I/c.Principal
K.N.Bhise Arts, Commerce & Vinaykrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur
 I/C Principal
 (Prof. Dr. A.P. Pol)

**K . N .Bhise Arts Commerce and Vinayakrao Patil Science
College Vidyanagar, Bhosare**

Department of Hindi

Time Table: 2023-2024

Total No. of Papers – 08

Total No. of Lectures -32

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 to 8.48	B.A.II (P-IV) MNS	B.A.II (P-IV) MNS	B.A.II (P-IV) MNS	B.A.I (P-I) MNS	B.A.I (P-I) MNS	B.A.I (P-I) MNS
		B.A.III RPR(P-IX)	B.A.III RPR(P-IX)	B.A.III RPR(P-IX)	B.A.III RPR(P-XI)	B.A.III RPR(P-XI)	B.A.III RPR(P-XI)
2	8.48 to 9.36	B.A.III (P-VII) MNS	B.A.III (P-VII) MNS	B.A.III (P-VII) MNS	B.A.III (P-VIII) MNS	B.A.III (P-VIII) MNS	B.A.III (P-VIII) MNS
3	9.36 to 10.24				B.A.III (P-X) MNS	B.A.III (P-X) MNS	B.A.III (P-X) MNS
4	10.35 to 11.33	B.A.III MNS(IX)	B.A.III (P-XI) MNS	B.A.III (P-X) MNS	B.A.III (P-VII) MNS	B.A.III (P-VIII)MNS	B.A.II RPR(P-III)
					B.A.II RPR(P-III)	B.A.II RPR(P-III)	
5	11.15 to 12.00				B.A.I (P-I)MNS		
6	12.00 to 12.45						
7	12.45 to 1.30	B.A.II (P-IV) MNS	B.A.II MNS(PIII)				
8	1.30 to 2.15						

Total Workload - 32

Dr. M.N. Salunkhe - 23

Mr. Rokade R. P. - 09


I/c. Principal
**K.N.Bhise Arts, Commerce &
 Vinayakrao Patil Science College
 Vidyanagar Bhosare, Dist-Solapur**

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE,
VIDYANAGAR, BHOSARE
NAAC RE-ACCREDITED 'A' GRADE
PARANDA ROAD, KURDUWADI TAL-MADHA DIST-SOLAPUR PIN-413 208
(MAHARASHTRA)

Department of Hindi

Individual Time Table 2023-2024

Name of Teacher :- Prof. Dr. M. N. Salunkhe

Total No. Of Papers – 05 1/2

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 to 8.48	B.A.II Opt (B1)	B.A.II Opt(B1)	B.A.II Opt(B1)	B.A.I Opt(B3)	B.A.I Opt(B3)	B.A.I Opt(B3)
2	8.48 to 9.36	B.A.III Spl (D4)	B.A.III Spl(D4)	B.A.III Spl(D4)	B.A.III Spl(D4)	B.A.III Spl(D4)	B.A.III Spl(D4)
3	9.36 to 10.24				B.A.III Spl(D4)	B.A.III Spl(D4)	B.A.III Spl(D4)
4	10.35 to 11.33	B.A.III Spl(D4)	B.A.III Spl(D4)	B.A.III Spl(D4)	B.A.III Spl(D4)	B.A.III Spl(D4)	
5	11.15 to 12.00				B.A.I Opt(B3)		
6	12.00 to 12.45						
7	12.45 to 1.30	B.A.II Opt(D4)	B.A.II Opt(D4)				
8	1.30 to 2.15						

Total Workload =32

Dr. M.N. Salunkhe = 23

M.N. Salunkhe
Head, Department of Hindi
K.N.Bhise Arts & V.P.S. College, Bhosare

Prin
I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**K. N. Bhise Arts Commerce and Vinayakrao Patil Science
College Vidyanagar, Bhosare**

Department of Hindi

Time Table: 2023-2024

Name of Teacher: Rokade Rohidas Pandit

Total No. of Papers - $02 \frac{1}{2}$

Total No. of Lectures - 9

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 to 8.48	B.A.III RPR(P-IX)	B.A.III RPR(P-IX)	B.A.III RPR(P-IX)	B.A.III RPR(P-XI)	B.A.III RPR(P-XI)	B.A.III RPR(P-XI)
2	8.48 to 9.36						
3	9.36 to 10.24						
4	10.35 to 11.33				B.A.II RPR(P-III)	B.A.II RPR(P-III)	B.A.II RPR(P-III)
5	11.15 to 12.00						
6	12.00 to 12.45						
7	12.45 to 1.30						
8	1.30 to 2.15						

Total Workload - 32

Dr. M.N. Salunkhe - 23

Mr. Rokade R. P. - 09

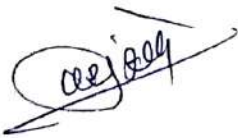
Rokade
I/c.Principal
**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur**
Vil.

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare

Department of Mathematics
(2023-24)
Time Table

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 a.m. to 8.48 a.m.			B.Sc.-II (Practical)	B.Sc.-II (Practical)		
2	8.48 a.m. to 9.36 a.m.						B.Sc.-I (Th)
3	9.36 a.m. to 10.24 a.m.	B.Sc.-I (Th)				B.Sc.-I (Th)	
4	10.24 a.m. to 11.12 a.m.		B.Sc.-I (Th)		B.Sc.-I (Th)		
5	11.32 a.m. to 12.20 p.m.	B.Sc.-I (Practical)		B.Sc.-II (Th)	B.Sc.-II (Th)		B.Sc.-II (Th)
6	12.20 p.m. to 1.08 p.m.					B.Sc.-II (Th)	
7	1.08 p.m. to 1.56 p.m.	B.Sc.-II (Th)	B.Sc.-II (Th)				
8	1.56 p.m. to 2.44 p.m.						

Name of the Teacher:-Mr. Shinde V.S.


(Shinde V.S.)


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare, (Kurduwadi).
Department Time Table 2023-2024

PHYSICS

Teachers Name	AMM	DRP	NA	NA	NA
Th.	5	5	3	4	5
Pr.	15	4	8	7	7
Total	20	9	11	11	12

Total workload of B.Sc. I, II and III – 63

Abbreviations Details

- 1) AMM- Dr. Ajinkya M. More
- 2) DRP – D. R. Tipe
- 3) NA- Not available for teaching

Head, Department of Physics
KNBAC & VPS College, Bhosare.

I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare, (Kurduwadi).
Department Time Table 2023-2024

PHYSICS

<u>Time</u>	<u>Class/Day</u>	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesda</u> <u>y</u>	<u>Thursda</u> <u>y</u>	<u>Friday</u>	<u>Saturday</u>
<u>08:00 to</u> <u>08:48</u>	<u>B. Sc - I</u>	=	=	=	<u>DRP</u>	=	=
	<u>B. Sc- III</u>	<u>AMM</u>	<u>AMM</u>	<u>DRP</u>	<u>AMM</u>	<u>DRP</u>	<u>NA</u>
<u>08:48 to</u> <u>09:36</u>	<u>B. Sc- I</u>	=	=	=	=	=	=
	<u>B. Sc- III</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
<u>09:36 to</u> <u>10:24</u>	<u>B. Sc- I</u>	=	=	=	=	=	<u>DRP</u>
	<u>B. Sc- III</u>				=	=	=
<u>10:24 to</u> <u>11:12</u>	<u>B. Sc - I</u>	<u>AMM</u>	=	<u>AMM</u>	=	<u>DRP</u>	=
	<u>B. Sc- III</u>	=	=	=	=	=	=
<u>11:32 to 12:20</u>	<u>B.Sc.-II</u>	<u>NA</u>	<u>NA</u>	=	=	<u>NA</u>	=
<u>1:08 to 1:56</u>	<u>B.Sc.-II</u>	=	=	<u>NA</u>	<u>NA</u>	=	
<u>1: 56 to 2.44</u>	<u>B.Sc.-II</u>	=	=	=	=	=	<u>NA</u>

Practical's

<u>Time</u>	<u>Class/Day</u>	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>	<u>Saturday</u>
<u>11:32 to</u> <u>02:44, (I)</u>	<u>B. Sc - I</u>	<u>AMM</u>	<u>DRP</u>	<u>NA</u>	-	-	-
<u>11.32 to 5.32</u> <u>(III)</u>	<u>B. Sc- III</u>	-	-	-	<u>AMM</u>	<u>NA</u>	<u>NA</u>
<u>08:00 to 11:15</u>	<u>B. Sc - II</u>	-	-	-		<u>AMM</u>	<u>NA</u>


Head, Department of Physics
KNBAC & VPS College, Bhosare,


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur



Madha Taluka Shikshan Prasarak Kurduwadi Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Bhosare
NAAC 'A' grade (3.10 CGPA)
(2023-2024)

Department of Physics

Time Table

(Year 2023-2024)

Work load of Dr. Ajinkya M. More

Time	Mon	Tue	Wed	Thu	Fri	Sat
8.00 To 8.48	-	-	-	-	-	2 nd (P) (AMM)
8.48 To 9.36	3 rd (Th) (AMM)	3 rd (Th) (AMM)	3 rd (Th) (AMM)	3 rd (Th) (AMM)	-	-
9.36 To 10.24	-	-	-	-	-	-
10.24 To 11.12	1 st (Th) (AMM)	-	-	-	1 st (Th) (AMM)	-
11.12 To 11.32	RECESS					
11.32 To 12.20	2 nd (Th) (AMM)	2 nd (Th) (AMM)	3 rd (P) (AMM)	1 st (P) (AMM)	-	-
12.20 To 1.08	-	-	-	-	-	2 nd (Th) (AMM)
1.08 To 1.56	-	-	-	-	-	-
1.56 To 2.44	-	-	-	-	-	-

Theory: 9

Practical: 12

Total: 21

Head, Department of Physics
KNBAC & VPS College, Bhosare.

I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyānagar Bhosare, Dist-Solapur



**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar,
Bhosare**

TIME - TABLE (2023 to 2024)

Department of Political Science (Asso. Prof. Dr. Atul Kadam)

Period	Time	Class	Mon	Tue	Wed	Thu	Fri	Sat
1	8.00 to 8.48	B.A. I B.A. II B.A. III						
2	8.48 to 9.36	B.A. I B.A. II B.A. III						
3	9.36 to 10.24	B.A. I B.A. II B.A. III	P.A.	P.A.	P.A.			
10.24 to 10.35 Interval								
4	10.35 to 11.33	B.A. I B.A. II B.A. III	Pol. Sci. (A)	Pol. Sci. (A)	Pol. Sci. (A)	Pol. Sci. (B)	Pol. Sci. (B)	Pol. Sci. (B)
5	11.33 to 12.21	B.A. I B.A. II B.A. III	Political Sci.	Political Sci.	Political Sci.	Political Sci.	Political Sci.	Political Sci.
6	12.21 to 01.07	B.A. I B.A. II B.A. III		Political Sci.	Pol. Sci. (B)	Political Sci.		
7	01.07 to 01.55	B.A. I B.A. II B.A. III				P.A.		Pol. Sci. (A)
8	01.55 to 2.43	B.A. I B.A. II B.A. III						

Class	Paper	Work Load	Total
B.A. I	1 & 2	4	4
B.A. II	3 & 4	4	4
B.A. II	4 & 5	4	4
B.A. II	(I.D.S.) P.A.	4	4
Total Work Load			16

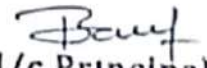

HoD


I/o Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Department of Commerce
Individual Time Table
Academic Year 2023-24

Name of the Teacher: **Mr. Prashant Kamalakar Narkhade**

Period No.	Time	Class	MON.	TUE.	WED.	TUR	FRI.	SAT.
1	08 to 8.48	B. Com.II				ACC. (PKN)	ACC. (PKN)	ACC. (PKN)
		B. Com.III	ACC (PKN)	ACC (PKN)	ACC (PKN)			
2	08.48 to 9.36	B. Com.I	ACC (PKN)	ACC (PKN)	ACC (PKN)			
3	9.36 to 10.24	B. Com.III				ACC H (PKN)	ACC H (PKN)	ACC H (PKN)
10.24 To 10.35 Interval								
4	10.35 to 11.33	B. Com.I		ACC (PKN)				
		B. Com.II	ACC. (PKN)					
		B. Com.III			ACC H (PKN)	ACC H (PKN)		


I/c.Principal
K.N.Bhise Arts, Commerce &
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Vidyanagar Bhosare, Dist-Solapur

K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Individual Time Table

(2023-2024)

Economics Department

Name: Dr. Waghmare V.B.

Sr. No.	Subject Taught	Class	Class Room
1	Indian Economy	B. A. I	B3, Main Building
2	Money Banking & Public Finance	B. A. II	B 1, Main Building
3	Micro Economics	B.A. III	D6
4	Demographic Studies	B. A.II	B 1, Main Building


Time Table

Period	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	08.00 to 08.48	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III
2	08.48 to 09.36	B.A. II	B.A.II	B.A. II	B.A. II	B.A.II	B.A. II
3	09.36 to 10.24	--	--	--			
4	10.35 to 11.33	B. A. I	B.A. I	B.A.I			
5	11.33 to 12.21	B.A.III	B.A.III		B.A.II		B.A. II
6	12.21 to 1.07			B.A I			

Total Work Load - 20


HoD

**Head, Department of Economics
KNBAC & VPS College, Bhosare.**


I/c. Principal

**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur**



K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Individual Time Table (2023-2024)

Economics Department

Name: Dr. D.M .Kadam


Sr. No.	Subject Taught	Class	Class Room
1	Demographic Studies	B. A. II	B 4, Main Building
2	History of Economic Thoughts	B. A. III	D6
3	Cooperation Development	B. Com . III	New Building ground Flore

Time Table

Period	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	08.00 to 08.48						
2	08.48 to 09.36				B.A. II (B1)(DMK)	B.A. II (B1)(DMK)	B.A. II (B1)(DMK)
3	09.36 to 10.24				B.A.III (D6)(DMK)	B.A.III (D6)(DMK)	B.A.III (D6)(DMK)
4	10.35 to 11.33	B.Com III (N.B.)(DMK)	B.Com III (N.B.)(DMK)	B.Com III (N.B.)(DMK)			B.A.III (D6)(DMK)
5	11.33 to 12.21				B.Com III (N.B.)(DMK)		B.A. II (B5)(DMK)
6	12.21 to 1.07						

Total Work Load - 12

HoD


Head, Department of Economics
KNBAC & VPS College, Bhosare.


Principle

I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Sola.

K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Individual Time Table (2023-2024)

Economics Department

Name: Dr. N. A. Survase


Sr. No.	Subject Taught	Class	Class Room
1	Business Economics	B. Com . I	B 1, Main Building
2	Business Economics	B.Com . II	B2
3	Macro Economics	B. A. III	D6


Time Table

. 14	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	08.00 to 08.48	B.Com. II (NAS)	B.Com. II (NAS)	B.Com. II (NAS)			
2	08.48 to 09.36	B.Com I (NAS)	B.Com I(NAS)	B.Com I (NAS)	B.A.III (NAS)	B.A.III (NAS)	B.A.III (NAS)
3	09.36 to 10.24	--	--	--			
4	10.35 to 11.33	B.Com I	B.Com. II				
5	11.33 to 12.21					B.A.III(NAS)	
6	12.21 to 1.07						

Total Work Load - 12

HoD


Head, Department of Economics
KNBAC & VPS College, Bhosare.


Principle
I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Individual Time Table (2023-2024)

Economics Department

Name: Dr. Asmita Raut

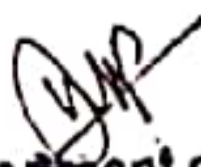
Sr. No.	Subject Taught	Class	Class Room
1	Money Banking & Financial Institutes	B.Com . II	B2
2	Economic Development	B.A. III	D6
3	Business Economics	B. Com. III	Ground Floor, New Building

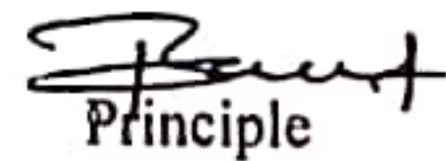
Time Table

Period	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	08.00 to 08.48	B.Com II (APR)	B.Com II (APR)	B.Com II (APR)	B.Com.III (APR)	B. Com.III (APR)	B. Com. III (APR)
2	08.48 to 09.36	B.A.III (APR)	B.A.III (APR)	B.A.III (APR)			
3	09.36 to 10.24	--	--	--			
4	10.35 to 11.33		B.A.III (APR)	B.Com III(APR)		B.com II (APR)	
5	11.33 to 12.21						
6	12.21 to 1.07						

Total Work Load - 12

HoD


Head, Department of Economics
KNBAC & VPS College, Bhosare.


Principle

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K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Time Table (2023-2024)

Economics Department

Time Table

Period	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	08.00 to 08.48	BA III (VBW) (D6)	BA III (VBW) (D6)	BA III (VBW) (D6)	BA III (VBW) (D6)	BA III (VBW) (D6)	BA III (VBW) (D6)
		B.Com. II (NAS)	B.Com. II (NAS)	B.Com. II (NAS)	B.Com. III (APR)	B. Com. III (APR)	B. Com. III (APR)
		B.Com II (APR)	B.Com II (APR)	B.Com II (APR)			
2	08.48 to 09.36	BA II (VBW) (B1)	BA II (VBW) (B1)	BA II (VBW) (B1)	B.A. II (B1)(DMK)	B.A. II (B1)(DMK)	B.A. II (B1)(DMK)
		B.Com I (NAS)	B.Com I (NAS)	B.Com I (NAS)	B.A. III (NAS)	B.A. III (NAS)	B.A. III (NAS)
		B.A. III (APR)	B.A. III (APR)	B.A. III (APR)			
3	09.36 to 10.24	Eng-	-Eng	Eng-	B.A. III (D6)(DMK)	B.A. III (D6)(DMK)	B.A. III (D6)(DMK)
4	10.35 to 11.33	BA I (VBW) (B3)	BA I (VBW) (B3)	BA I (VBW) (B3)	BA III (VBW) (D6)	BA III (VBW) (D6)	B.A. III (D6)(DMK)
		B.Com III (N.B.)(DMK)	B.Com III (N.B.)(DMK)	B.Com III (N.B.)(DMK)			
		B.Com I (NAS)	B.Com. II (NAS)	B.Com III (APR)		B.com II (APR)	B.A. III (APR)
5	11.33 to 12.21		B.A. III (APR)	BA I (VBW) (B3)	BA II (VBW) (B1)	B.A. III (NAS)	
					B.Com III (N.B.)(DMK)		B.A. II (B5)(DMK)
6	12.21 to 1.07						

Total Work Load - 52


HoD

Head, Department of Economics
KNBAC & VPS College, Bhosare.


Principle

I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Bidyanagar Bhosare, Dist-Solapur

- * 1) Dr. Waghmare (VBW)
- * 2) Dr. Survesh (NAS)
- * 3) Dr. Kadam (DMK)
- * 4) Dr. Raut (APR)

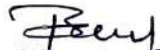


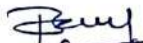

Maulha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Department of Marathi

Year 2023-2024

Teacher Time Table – Dr. Mohite S.V., TOTAL WORKLOAD -18

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08:00-08:48	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III
2	08:48-09:36	-	-	-	B. Com. I	B. Com. I	B. Com. I
3	09:36-10:24	-	-	B.A.III	-	B.A.III	-
4	10:35-11:33	B.A II	B.A II	B.A II	B. Com. I	-	-
5	11:33-12:21	-	-	B.A.III	-	-	-
6	12:21-01:07	-	-	-	-	-	-
7	01:07-01:55	-	-	-	-	B.A.II	-
8	1:55-02:45	-	-	-	B.A.III	-	-


Head, Department of Marathi
KNBAC & VPS College, Bhosare.


प्रभारी प्राध्यापक
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Department of Marathi

Time Table

Year 2023-2024

Teacher Time Table – Dr. Kambale P.S.

Total Workload - 18

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08:00-08:48	B.A. I	B.A. I	B.A. I	B.A II	B.A II	B.A II
2	08:48-09:36	B.A.III	B.A.III	- B.A.III	B.A.III	B.A.III	B.A.III
3	09:36-10:24	-	-	-	-	-	-
4	10:35-11:33	B.A.III	B.A.III	B.A.III			
5	11:33-12:21	-	-	-	- B.A.III	-	-
6	12:21-01:07	-	-	-	-	- B.A.II	-
7	01:07-01:55	-	-	-	-		B.A. I
8	1:55-02:45	-	-	-	-	-	-

Pravara
Head, Department of Marathi
KNBAC & VPS College, Bhosare.

Pravara
प्रमारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Department of Marathi

YEAR 2023-24

Name of the Teacher	Class	Paper name and number	Assigned Lectures	Conducted Lectures
Prof. Dr Kamble P.S	B.A I	साहित्यरंग (P-I,P-II)-आवश्यक मराठी	64	60
	B.A II	-कविता वांग्मय प्रकार आणि काव्यास्वाद (P-III) -कथा वांग्मय प्रकार व व्यावहारिक मराठी (P-V)	64	60
	B.AIII	-भाषाविज्ञान व व्याकरण (P-VIII,P-XIII) -आधुनिक मराठी साहित्यातील विविध प्रवाह (P-XI,P-XVI)	64	60
Dr.Mohite S.V	B.Com	साहित्यदर्पण (आवश्यक मराठी)	64	60
	B.AII	-कादंबरी वांग्मय प्रकार आणि व्यावहारिक मराठी(P-IV) -आत्मचरित्रात्मक वांग्मय प्रकार आणि सृजनशील लेखन (P-VI)	64	
	B.AIII	-साहित्यशास्त्र(P-VII,P-XII) -मध्ययुगीन मराठी वांग्मयाचा इतिहास (P-IX,P-XIV) -उपयोजित मराठी (P-X,XV)	64	60

TOTAL WORKLOAD - 36

Prof.Dr.Kamble P. S - 18

P.S.

Dr. Mohite S. V.

- 18

S.V.

P.S.
Head, Department of Marathi
KNBAC & VPS College, Bhosare.

P.S.
प्रभारी प्राचार्य
के.एन.मिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Department of Marathi

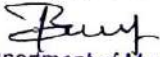
YEAR 2023-24


Name of the Teacher	Class	Paper name and number	Assigned Lectures	Conducted Lectures
Prof. Dr Kamble P.S	B.A I	साहित्यरंग (P-I,P-II)-आवश्यक मराठी	64	60
	B.A II	-कविता वांग्मय प्रकार आणि काव्यास्वाद (P-III) -कथा वांग्मय प्रकार व व्यावहारिक मराठी (P-V)	64	60
	B.AIII	-भाषाविज्ञान व व्याकरण (P-VIII,P-XIII) -आधुनिक मराठी साहित्यातील विविध प्रवाह (P-XI,P-XVI)	64	60
Dr.Mohite S.V	B.Com	साहित्यदर्पण (आवश्यक मराठी)	64	60
	B.AII	-कादंबरी वांग्मय प्रकार आणि व्यावहारिक मराठी(P-IV) -आत्मचरित्रात्मक वांग्मय प्रकार आणि सृजनशील लेखन (P-VI)	64	
	B.AIII	-साहित्यशास्त्र(P-VII,P-XII) -मध्ययुगीन मराठी वांग्मयाचा इतिहास. (P-IX,P-XIV) -उपयोजित मराठी (P-X,XV)	64	60

TOTAL WORKLOAD - 36

Prof.Dr.Kamble P.S - 18

Dr. Mohite S.V. - 18


Head, Department of Marathi
KNBAC & VPS College, Bhosare.


प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि.सोलापूर

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Department of Marathi

Time Table

Year 2023-2024

Teacher Time Table - Dr. Kumbale P.S.

Total Workload - 18

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08:00-08:48	B.A. I	B.A. I	B.A. I	B.A II	B.A II	B.A II
2	08:48-09:36	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III
3	09:36-10:24	-	-	-	-	-	-
4	10:35-11:33	B.A.III	B.A.III	B.A.III			
5	11:33-12:21	-	-	-	- B.A.III	-	-
6	12:21-01:07	-	-	-	-	- B.A.II	-
7	01:07-01:55	-	-	-	-		B.A. I
8	1:55-02:45	-	-	-	-	-	-

Pr.
प्रभारी प्राध्यापक
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

Madhya Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Department of Marathi

Year 2023-2024

Teacher Time Table – Dr. Mohite S.V., TOTAL WORKLOAD -18

Period/ Practical	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08:00-08:48	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III	B.A.III
2	08:48-09:36	-	-	-	B. Com. I	B. Com. I	B.Com.I
3	09:36-10:24	-	-	B.A.III	-	B.A.III	
4	10:35-11:33	B.A II	B.A II	B.A II	B. Com .I		
5	11:33-12:21	-	-	B.A.III	-	-	-
6	12:21-01:07	-	-	-	-	-	-
7	01:07-01:55	-	-	-	-	B.A.II	-
8	1:55-02:45	-	-	-	B.A.III	-	-

Dr. Mohite
प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE, VIDYANAGAR,
BHOSARE
NAAC RE-ACCREDITED 'A' GRADE
PARANDA ROAD, KURDUWADI TAL-MADHA DIST-SOLAPUR PIN-413 208 (MAHARASHTRA)

Department of Microbiology

Departmental Time-Table 2023-2024

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.00 to 08.48	B.Sc. III (DBJ)	B.Sc. III (NDD)	B. Sc. III (SJJ)	B. Sc. I (DBJ/SJJ)	B.Sc. III (DBJ) B. Sc. I (SJJ)	B.Sc. III (DBJ)
08.48 to 09.36	Library day	ENG	ENG	ENG	ENG	B. Sc. I (SJJ)
09.36 To 10.24	B.Sc. III (NDD)	B.Sc. III (NDD)	B.Sc. I (DBJ) B. Sc. III (SJJ)	B. Sc. III (SJJ)	B. Sc. III (SJJ)	B.Sc. III (DBJ)
10.24 To 11.12		B.Sc. I (DBJ)	Unit test	Seminar	Library day	B.Sc. III (NDD)
11.30 to 12.18	B.Sc. II (NDD)	B. Sc. II (SJJ)				
12.18 to 01.06					B.Sc. II (NDD)	B. Sc. II (SJJ)
01.06 to 01.56			B.Sc. II (DBJ)	B.Sc. II (NDD)		


Practical

Time	Mon	Tue	Wed	Thur	Fri	Sat
8 to 11	B. Sc. II (SJJ)	B.Sc. II (SJJ)	B.Sc II (NDD)	B.Sc II (NDD)		
11.30 to 1.30	(B. Sc. I) (SJJ) B.Sc. III (DBJ)	B.Sc. I (DBJ) B.Sc. III (NDD)	B. Sc. III (SJJ)	B.Sc. III (DBJ)	B.Sc. I (DBJ)	B.Sc. I (NDD)

Name of the Teachers	Name of the Paper
NDD – Dr. Nitin Devidas Deshmukh	SJJ - Ms. Jadhav Snehlata Jayvantrao
DBJ – Mr. Jadhav Deepak Bapurao	


Head

Head, Department of Microbiology
KNRAC & VPS College, Bhosare


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
 K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE, VIDYANAGAR,
 BHOSARE
 NAAC RE-ACCREDITED 'A' GRADE
 PARANDA ROAD, KURDUWADI TAL-MADHA DIST-SOLAPUR PIN-413 208 (MAHARASHTRA)

Department of Microbiology
 Academic Year 2023-2024
 Individual Time Table

Name of the Teacher: Dr. N. D. Deshmukh

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.00 to 08.48		B.Sc. III				
09.36 to 10.24	B.Sc. III					
10.24 to 11.12		B.Sc. III				B.Sc. III
11.30 to 12.18	B.Sc. II					
12.20 to 01.06					B.Sc. II	
1.06 to 01.54				B.Sc. II		

Practical

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8 to 11			B.Sc. II	B.Sc. II		
11.30 to 1.30		B.Sc. III				B.Sc. I


 Sign. Of Teacher


 Head
 Head, Department of Microbiology
 KNRAC & VPS College, Bhosare


 I/c. Principal
 K.N. Bhise Arts, Commerce &
 Vinayakrao Patil Science College
 Vidyanagar Bhosare, Dist-Solapur

**K.N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)**

Department of Microbiology

Department Time Table Year 2023-24

Name of the teacher: S. J Jadhav

Time	Mon	Tue	Wed	Thur	Fri	Sat
08.00 to 08.48			B. Sc. III	B. Sc. I (DBJ/SJJ)	B. Sc. I (SJJ)	
09.36 to 10.24						B. Sc. I (SJJ)
10.24 to 11.12			B. Sc. III	B. Sc. III	B. Sc. III	
11.30 to 12.15		B. Sc. II				B. Sc. II

Practical

Time	Mon	Tue	Wed	Thur	Fri	Sat
8 to 11	B. Sc. II	B.Sc. II				
11.30 to 1.30						
11.30 to 1.30	(B. Sc. I)		B. Sc. III			




Head, Department of Microbiology
KNBAC & VPS College, Bhosare


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**K.N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)**

Department of Microbiology


Department Time Table Year 2023-24

Name of the teacher: D. B. Jadhav


Time	Mon	Tue	Wed	Thur	Fri	Sat
08.00 to 08.48	B.Sc. III			B. Sc. I (DBJ/SJJ)	B.Sc. III	B.Sc. III
09.36 to 10.24			B.Sc. I			
10.24 to 11.12		B.Sc. I				B.Sc. III
1.06 to 01.54			B.Sc. II			

Practical

Time	Mon	Tue	Wed	Thur	Fri	Sat
8 to 11						
11.30 to 1.30						
11.30 to 1.30	B.Sc. III	B.Sc. I		B.Sc. III	B.Sc. I	


(Teacher)


Head, Department of Microbiology
K.N.R.A.C. & V.P.S. College, Bhosara


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE, VIDYANAGAR,
BHOSARE
NAAC RE-ACCREDITED 'A' GRADE
PARANDA ROAD, KURDUWADI TAL-MADHA DIST-SOLAPUR PIN-413 208 (MAHARASHTRA)

Department of Microbiology

Individual Workload

Year 2023-2024


Name of the Faculty	Class	Theory	Practical	Total
Dr. Deshmukh Nitin Devidas	B.Sc. I	00	04	04
	B.Sc. II	03	08	11
	B.Sc. III	04	05	09
				24



Sign. of Teacher


Head

Head, Department of Microbiology
KNRAC & VPS College, Bhosare


I/c. Principal
Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandals

**K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare (Kurduwadi)**

Department of Microbiology

Workload Chart Year 2023-2024

Name of the Faculty	Class	Theory	Practical	Total
Mr. Jadhav Deepak Bapurao	B.Sc. I	02	-	02
	B.Sc. II	02	08	10
	B.Sc. III	02	05	07
				20




Head, Department of Microbiology
KNRAC & VPS College Bhosare



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandals
K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare (Kurduwadi)
Department of Microbiology
Workload Chart Year 2023-2024

Name of the Faculty	Class	Theory	Practical	Total
Ms. Jadhav Snehlata Jayvantrao	B.Sc. I	02	-	02
	B.Sc. II	02	08	10
	B.Sc. III	03	05	08
				20




Head, Department of Microbiology
KNRAC & VPS College, Bhosare


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist. Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**

Department of English

2023-2024 (Semester I)



Notice of the Meeting

Date: 17/08/2023

All faculty members of the department are requested to attend the first meeting of this year on 18/08/2023 at 11.00 am in the department. We will discuss the following topics in the meeting.

Agenda

1. Discussion on the syllabus
2. Distribution of Workload
3. Preparation of Academic plan
4. Preparation of Teaching Plan
5. Any other topics

Sr. No.	Name of the Teacher	Signature
1	Dr. Sachin Londhe	
2	Dr. Dhope K.T.	
3		
4		
5		



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**

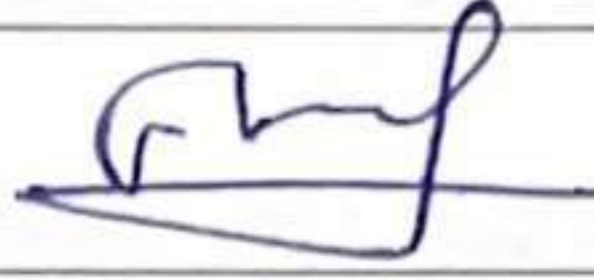
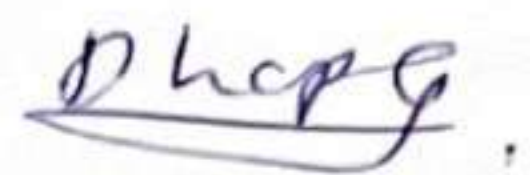
Department of English

2023-2024

Minutes of the Meeting

Date: 18/08/2023

The first meeting of the department was held on 18/08/2023 at 11.00 am in the department. The decisions were taken with the approval of all members following the suggestions of the Head of the department. Following members were present for the meeting.

Sr. No.	Name of the Teacher	Signature
1	Dr. Sachin Londhe	
2	Dr. Dhope K.T.	
3		
4		
5		

Minutes

All faculty members are welcomed by Prof. Dr. A. P. Pol; the Head of the department and following decisions are taken in the meeting.

1. Discussion on the syllabus: The syllabus of all faculties was discussed by all faculty members of the department. The problems regarding the syllabus were discussed and solved with the support of the Head of the department. The copy of syllabus was distributed to all faculty members of the department.
2. Distribution of Workload: The workload and timetable was discussed and finalized under the guidance of the Head of the department. The papers were allotted according to the norms of UGC and it was finalized by all faculty members of the department. The timetable was discussed with all faculty members and finalized.
3. Preparation of Academic plan: The Academic plan for the year 2023-2024 was discussed by all faculty members and it was finalized and approved by all. The departmental activities were discussed and the academic plan was prepared by all faculty members of the department under the guidance of the Head of the department.
4. Preparation of Teaching Plan: The teaching plan for the current year was prepared by all teachers with the support and guidance of the Head of the department.
5. Any other topics: As there were no other topics to discuss in the meeting, the meeting was ended by the Head of the department with vote of thanks.


Head, Department of English
KNBAC & VPS College, Bhosare,


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**

Department of English

2023-2024

Action Taken Report of the Meeting

Date: 18/08/2023

1. Discussion on the syllabus: The syllabus of all faculties was discussed by all faculty members of the department. The copy of syllabus was distributed to all faculty members of the department.
2. Distribution of Workload: The workload and timetable were discussed and finalized under the guidance of the Head of the department. The papers were allotted according to the norms of UGC and it was finalized by all faculty members of the department. The timetable was discussed with all faculty members and finalized.
3. Preparation of Academic plan: The Academic plan for the year 2023-2024 was prepared and implemented by all faculty members. The departmental activities were implemented by all faculty members of the department under the guidance of the Head of the department.
4. Preparation of Teaching Plan: The teaching plan for the current year was prepared by all teachers with the support and guidance of the Head of the department.



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

2023-2024

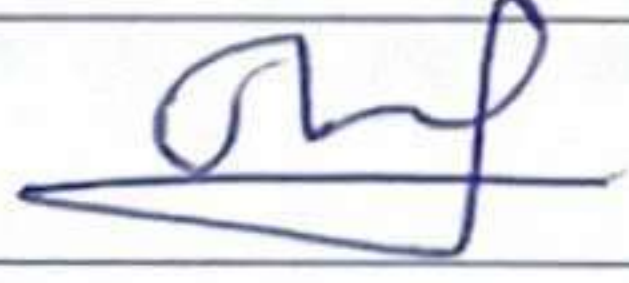

Notice of the Meeting

Date: 15/11/2023

All faculty members of the department are requested to attend the second meeting of this year on 16/11/2023 at 11.00 am in the department. We will discuss the following topics in the meeting.

Agenda

1. Completion of the syllabus
2. Report of activities
3. Implementation of Certificate Courses
4. Any other topics

Sr. No.	Name of the Teacher	Signature
1	Dr. Sachin Londhe	
2	Dr. Dhope K.T.	
3		
4		
5		



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidvanagar Bhosare, Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**


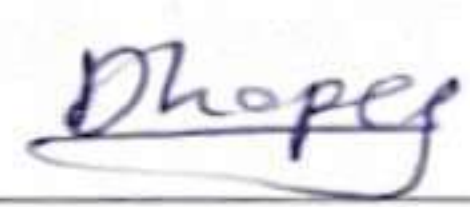
Department of English

2023-2024

Minutes of the Meeting

Date: 16/11/2023

The second meeting of the department was held on 16/11/2023 at 11.00 am in the department. The decisions were taken with the approval of all members following the suggestions of the Head of the department. Following members were present for the meeting.


Sr. No.	Name of the Teacher	Signature
1	Dr. Sachin Londhe	
2	Dr. Dhope K.T.	
3		
4		
5		

Minutes

All faculty members are welcomed by Prof. Dr. A. P. Pol; the Head of the department and following decisions are taken in the meeting.

1. Completion of the syllabus: The syllabus of all faculties was completed by all faculty members of the department. The problems regarding the completion of the syllabus were discussed and solved with the support of the Head of the department. The completion report of syllabus was prepared and submitted to the Head of the department by all faculty members.
2. Report on Activities: The activities were organized according to the Academic plan of the year. The completion report of all activities was prepared and submitted to the Head of the department. The reports were approved by the Head of the department. It was decided that more curricular activities should be planned for the students by all faculty members of the department.
3. Implementation of Certificate Courses: The certificate courses of Spoken English, Public Speaking Skills were run by the department with the support and guidance of the Principal of the college and Head of the department.
4. Any other topics: As there were no other topics to discuss in the meeting, the meeting was ended by the Head of the department with vote of thanks.


Head, Department of English
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur.

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

2023-2024

Action Taken Report of the Meeting

Date: 16/11/2023

1. Completion of the syllabus: The syllabus of all faculties was completed by all faculty members of the department. The completion report of syllabus was prepared and submitted to the Head of the department by all faculty members.
2. Report on Activities: The activities were organized according to the Academic plan of the year. The completion report of all activities was prepared and submitted to the Head of the department.
3. Implementation of Certificate Courses: The certificate courses of Spoken English, Public Speaking Skills were run by the department with the support and guidance of the Principal of the college and Head of the department.



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

2023-2024 (Semester II)

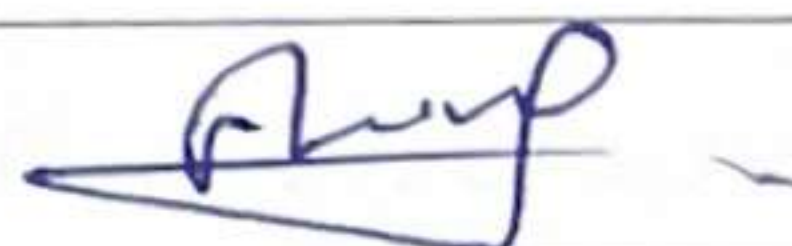
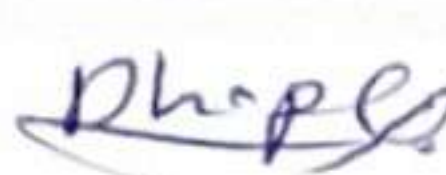
Notice of the Meeting


Date: 04/01/2024

All faculty members of the department are requested to attend the third meeting of this year on 05/01/2024 at 11.00 am in the department. We will discuss the following topics in the meeting.

Agenda

1. Discussion on the syllabus
2. Planning of Guest Lectures
3. Discussion on Activities
4. Organization of Tour
5. Any other topics

Sr. No.	Name of the Teacher	Signature
1	Dr. Sachin Londhe	
2	Dr. Dhope K.T.	
3		
4		
5		


Head, Department of English
KNBAC & VPS College, Bhosare,


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**



Department of English

2023-2024

Minutes of the Meeting

Date: 05/01/2024

The third meeting of the department was held on 05/01/2024 at 11.00 am in the department. The decisions were taken with the approval of all members following the suggestions of the Principal and Head of the department. Following members were present for the meeting.

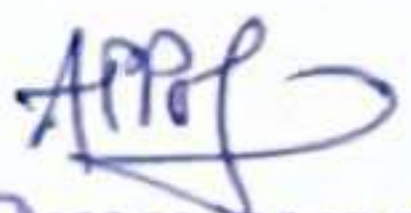
Sr. No.	Name of the Teacher	Signature
1	Dr. Sachin Londhe	
2	Dr. Dhope K.T.	
3		
4		
5		

Minutes

All faculty members are welcomed by I/C Principal and Head of the department, Prof. Dr. A. P. Pol; and following decisions are taken in the meeting.

1. Discussion on the syllabus: The syllabus of all faculties was discussed by all faculty members of the department. The problems regarding the syllabus were discussed and solved with the support of the Principal and Head of the department. The copy of syllabus was distributed to all faculty members of the department.
2. Planning of Guest Lectures: It was decided by the department to organize some guest lecturers for the students of the department. The speakers were discussed and finalized under the guidance of the Head of the department. It was approved by all faculty members of the department.
3. Discussion on Activities: The co-curricular activities were discussed by all faculty members and it was finalized and approved by all. The departmental activities were planned according to the academic calendar under the guidance of the Principal and Head of the department.
4. Organization of Tour: The departmental tour is organized every year by the department. All teachers discussed the tour and finalized it for the current year with the support and guidance of the Principal and Head of the department.
5. Any other topics: As there were no other topics to discuss in the meeting, the meeting was ended by the Principal and Head of the department with vote of thanks.


Head, Department of English
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur.

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

2023-2024

Action Taken Report of the Meeting

Date: 05/01/2024

1. Discussion on the syllabus: The problems regarding the syllabus were discussed and solved with the support of the Principal and Head of the department. The copy of syllabus was distributed to all faculty members of the department.
2. Planning of Guest Lectures: Some guest lecturers for the students of the department were organized. The speakers were invited under the guidance of the Principal and Head of the department.
3. Discussion on Activities: The co-curricular activities were implemented by all faculty members. The departmental activities were planned according to the academic calendar under the guidance of the Principal and Head of the department.
4. Organization of Tour: The departmental tour is organized by the department. All teachers and students participated in the tour with the support and guidance of the Principal and Head of the department.



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

2023-2024

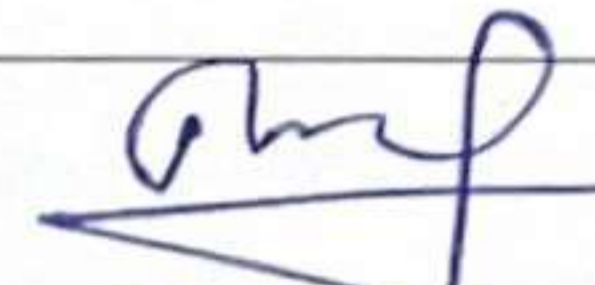

Notice of the Meeting

Date: 24/04/2024

All faculty members of the department are requested to attend the fourth meeting of this year on 25/04/2024 at 11.00 am in the department. We will discuss the following topics in the meeting.

Agenda

1. Completion of the syllabus
2. Report of activities
3. Implementation of Certificate Courses
4. Discussion on Feedback forms
5. Any other topics

Sr. No.	Name of the Teacher	Signature
1	- Dr. Sachin Lundhe	
2	Dr. Dhope K.T.	
3		
4		
5		



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidvanagar Bhosare, Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare**

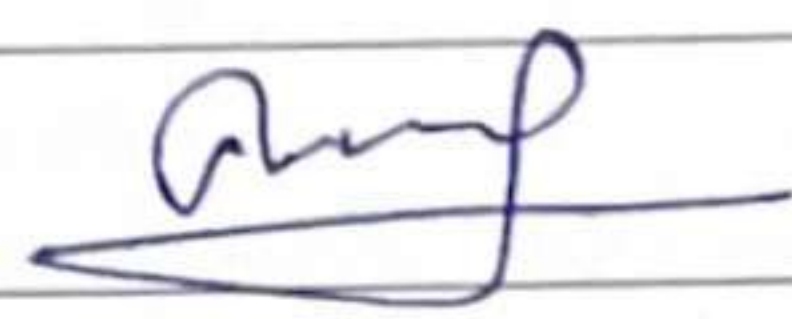
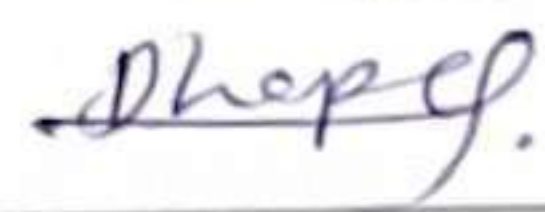
Department of English

2023-2024

Minutes of the Meeting

Date: 25/04/2024

The fourth meeting of the department was held on 25/04/2024 at 11.00 am in the department. The decisions were taken with the approval of all members following the suggestions of the Principal and Head of the department. Following members were present for the meeting.

Sr. No.	Name of the Teacher	Signature
1	Dr. Sachin Londhe	
2	Dr. Dhope K.T.	
3		

Minutes

All faculty members are welcomed by the Principal and Head of the department, Prof. Dr. A. P. Pol; and following decisions are taken in the meeting.

1. Completion of the syllabus: The syllabus of all faculties was completed by all faculty members of the department. The problems regarding the completion of the syllabus were discussed and solved with the support of the Principal and Head of the department. The completion report of syllabus was prepared and submitted to the Head of the department by all faculty members.
2. Report on Activities: The activities were organized according to the Academic plan of the year. The completion report of all activities was prepared and submitted to the Principal and Head of the department. The reports were approved by the Head of the department. It was decided that more curricular activities should be planned for the students by all faculty members of the department.
3. Implementation of Certificate Courses: The certificate courses of Spoken English, Public Speaking Skills were run by the department with the support and guidance of the Principal and Head of the department.
4. Discussion on Feedback forms: It was decided to fill the feedback form of the students of the department. All teachers discussed and prepared the form for the students and collected it.
5. Any other topics: As there were no other topics to discuss in the meeting, the meeting was ended by the Principal and Head of the department with vote of thanks.



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

2023-2024

Action Taken Report of the Meeting

Date: 25/04/2024

1. Completion of the syllabus: The syllabus of all faculties was completed by all faculty members of the department. The completion report of syllabus was prepared and submitted to the Principal and Head of the department by all faculty members.
2. Report on Activities: The activities were organized according to the Academic plan of the year. The completion report of all activities was prepared and submitted to the Principal and Head of the department. The reports were approved by the Principal and Head of the department.
3. Implementation of Certificate Courses: The certificate courses of Spoken English, Public Speaking Skills were run by the department with the support and guidance of the Principal and Head of the department.
4. Discussion on Feedback forms: The feedback form for the students of the department were filled. All teachers discussed and prepared the form for the students and collected it.



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist. Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Taluka-Madha. Dist- Solapur

Dr. Ajinkya M More
Department of Physics
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare
Date: 26/03/2024

To,
The Principal,
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Subject: - Syllabus Completion Report (2023-2024)

Dear Sir,

With reference to the above-mentioned subject, I would like to bring to your notice that I have completed the syllabus of the following classes allotted to me as per the annual plan for the academic year (2023-2024)

Sr. No.	Class	Name of the Paper	Practical
1	B.Sc. I	1. Optics and Lasers (Sem-I) Theory	Full Course of one batch
2	B.Sc. I	Optics and Lasers, General Physics (Sem-I & II)	Practical course I & II
3	B.Sc. II	1. Optics (Sem – IV) Theory 2. Modern Physics	Full Course of one batch
4	B.Sc. II	Optics, General Physics	Practical course I & II
5	B.Sc. III	1. Solid State Physics (Sem-V) Theory 2. Material Science (Sem – VI) Theory	Practical course I & II
6	B.Sc. III	General Physics, Optics , Instrumentation, Project	Practical course I III, VI

Thanking You.



Dr. Ajinkya M More

Head, Department of Physics
KNBAC & VPS College, Bho


I/C. Principal
K. N. Bhise Arts, Commerce & Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist- Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of Physics


Date-10/9/2023

Notice

A meeting is called to discuss following agenda with science coordinator and lab attendant on 11/09/2023 at 11 am. In the department of physics

- 1) Admission process of B.Sc. III
- 2) Syllabus distribution to C.H.B staff when appointed
- 3) Appointment of C.H.B. staff the interview
- 4) Bridge course for all years
- 5) To check dead stock of chemicals and requirements


Head, Department of Physics
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of Physics

Date-11/09/2023

Minutes of meeting

Date: 11/09/2023	Day: Saturday	Time: 11.15 am
Place: Dept. of physics	Meeting called by: Head (Physics)	
Meeting Purpose	General departmental meeting	
Welcome by	Dr. A. M. More	
Attendee's:		
1) Prof. M M Patil – Sci. Co-ordinator 2) Dr. A. M. More – Head (Physics) 3) Mr. Bhushan Shiraskar – Lab attendant		
Agenda:		
1) Admission process of B.Sc. III 2) Syllabus distribution to C.H.B staff when appointed 3) Appointment of C.H.B. staff the interview 4) Bridge course for all years 5) To check dead stock of chemicals and requirements		
Discussions:		
Discussions were carried out on above mentioned agenda		
Action plan:		
For B.Sc. class II preference form of the subject will be formed and will be sent on the WhatsApp group by end of coming week. Start to take bridge course for B.Sc. I students from 3 rd week of September. CHB staff for physics will be allocated after the interview. Stock register will be checked and maintain by end of this month		
Responsibilities:		
1) Head (chemistry): Preference form 2) Bridge course- CHBs and head 3) Stock register- Mr. Bhushan Shiraskar		
Deadline: Up to end of September		
Next Meeting: After the appointments of CHBs		
Vote of thanks by: Mr. Bhushan Shiraskar		


Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of Physics

Date-20/9/2023

Notice

All the staff members of physics are informed that the departmental meeting will be held on 21/9/2023 at 11 am. in the department of physics about the syllabus discussion work load distribution, any other issues related with physics department.


Head, Department of Physics
KNBAC & VPS College, Bhosare.,


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur


PHYSICS KNBAC VPS CB

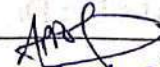
Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of Physics

Date-21/09/2023

Minutes of meeting

Date: 21/09/2023	Day: Tuesday	Time: 11.15 am
Place: Dept. of physics	Meeting called by: Head (Physics)	
Meeting Purpose	General departmental meeting	
Welcome by	Dr. A. M. More	
Attendee's:		
1) Dr. A. M. More – Head (Physics) 2) Mr. D. R. Tipe – CHB teacher		
Agenda:		
1) Syllabus discussion on B.Sc. Physics 2) Work load distribution of the department 3) Bridge course distribution 4) Regarding science/physics days		
Discussions:		
The syllabus discussions were carried out as per above mentioned agenda Work load on syllabus and bridge course distribution was discussed.		
Action plan:		
For B.Sc. I : Sem I Paper I and B.Sc. III : Sem V : Paper X + Project work and optics practical's for B.Sc. III will be taken by AMM For B.Sc. I : Sem I Paper II and B.Sc. III : Sem V Paper XI and Skill based Paper+ practical's of B.Sc. I and III will taken by SBU For B.Sc. II : Sem III paper V and B.Sc. III : Sem V Paper XI + practices of B.Sc. II and III will taken by DRT Bridge Course will be appointed as per paper to the respective teacher		
Responsibilities:		
All the teachers are responsible for lectures and practical's allocated to them as per time table		
Deadline: -		
Next Meeting: Last week of September		
Requirements (if any): 2 more CHBs		
Vote of thanks by: Tipe D. R.		


Head, Department of Physics,
KNBAC & VPS College, Bhosare


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur


Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of Physics

Date-3/10/2023

Notice

All the staff members of physics are informed that the departmental meeting will be held on **04/10/2023** at 11 am. in the department of physics about the B.Sc. III admission Bridge course report completion and 137th birth anniversary celebration of Neils Bohr, any other issues related with physics department.


Head, Department of Physics
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

PHYSICS KNBAC/VPS

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of Physics

Date-3/10/2023

Minutes of meeting

Date: 04/10/2023	Day: Monday	Time: 11.15 am
Place: Dept. of physics	Meeting called by: Head (Physics)	
Meeting Purpose	Admission of B.Sc. III, Birth anniversary of Neils Bohr etc.	
Welcome by	Dr. A. M. More	
Attendee's:		
Dr. A. M. More – Head (Physics)		
Mr. D. R. Tipe – CHB teacher		
Agenda:		
1) Admission of B.Sc. III 2) Bridge course completion report 3) Birth anniversary of Neils Bohr		
Discussions:		
The discussions were carried out as per above mentioned agenda and the decisions were taken. The main problem of the department facing is about fulfillment of III-year class. Only 8 students took admission to III-year physics. All staff members should encourage students to take physics as major subject though it seems to be difficult to understand. Bridge course report of B.Sc. I Paper I and II was ready to be submission as per standards. Birth anniversary of Neils Bohr will be held on 7/10/2022 to encourage students		
Action plan:		
B.Sc. III admission: Encouragement of students to take physics as major subject and by counselling. Birth day celebration of Neils Bohr will taken in the dept of physics. Prof. (Dr.) P.S. Kamble will be the president and Dr. N. D. Deshmukh will be guest for the function Anchor, Introduction: Dr. A. M. More Vote of thanks: Mr. D.R. Tipe 3 to 4 students will deliver the lecture on Neils Bohr		
Responsibilities:		
All the teachers as well as students will be responsible for birth anniversary function		
Deadline: -		
Next Meeting: Before Diwali vacation		
Requirements (if any): 2 more CHBs		
Vote of thanks by: D. R. Tipe		



Head, Department of Physics
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
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Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of Physics

Date-13/012024

Minutes of meeting

Date: 13/01/2024	Day: Monday	Time: 11.15 am
Place: Dept. of physics	Meeting called by: Head (Physics)	
Meeting Purpose	Conduction of guest lectures, MoU etc	
Welcome by	Dr. A. M. More	
Attendee's:		
Dr. A. M. More – Head (Physics)		
Mr. D. R. Tipe – CHB teacher		
Agenda:		
1) Guest lectures 2) Birth anniversary if any 3) MoU		
Discussions:		
The discussions were carried out as per above mentioned agenda and the decisions were taken. Guest lecture will be taken in this month as well as in the month of January.		
Action plan:		
All the guest lecturer suggested will be comminated via telephone or emails. Study tour arrangement will be seen by students as well CHB lecturer will take fallow up.		
Responsibilities:		
All the teachers as well as students will be responsible for all the above events.		
Deadline: -		
Next Meeting: At the term end		
Requirements (if any): 2 more CHBs		
Vote of thanks by: D. R. Tipe		


Head, Department of Physics
K.N.Bhise Arts, Commerce & VPS College, Bhosare.



I/c. Principal
K.N.Bhise Arts, Commerce & Vinayakrao Patil Science College
Vidyanagar, Bhosare, Dist. Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE VIDHYANAGAR BHOSARE
DEPARTMENT OF GEOGRAPHY**

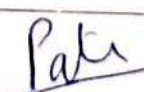
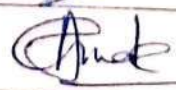
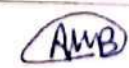
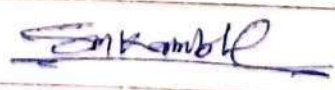
Notice


Academic Year 2023-24

Notice of hereby given that the All the faculty member of the department of Geography here by informed that meeting will be held regarding Departmental Time table, Syllabus distribution, workload distribution, Academic calendar, Certificate course and guest lecture 17/07/2023 at 11.00 am at Department of Geography so all member are requested to attend the Meeting with head of Geography.


Dept of Geography

Head. Department of Geography

Sr. No	Name of the Professor/ Teacher	Signature
1	Dr. Patil Ranjeet R.	
2	Dr. Wakade A. G.	
3	Mr. Band A. M	
4	Mrs. Kamble S.M.	


**I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur**

**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE**

DEPARTMENT OF GEOGRAPHY

**Minutes of the Meeting
Year 2023-24**

The Departmental meeting was held on 17/07/2023 at 11.00 am at Department of Geography, this meeting was discussed – Departmental Time table, Syllabus distribution, workload distribution, Academic calendar, Certificate course and guest lecture. The Minutes of the meeting is following.

1. The meeting is held on 17/07/2023 at 11.00 am at department of Geography.
2. In the meeting head of Geography department and Staff member were present.
3. In this Meeting participants are discussed about Departmental Time table, Syllabus distribution, workload distribution, Academic calendar, Certificate course, and guest lecture.
4. In this Meeting The following points are Finalized
 - i) Departmental time table has prepared.
 - ii) Guest lecturer date was finalized.
 - iii) Academic calendar has finalized.
 - iv) Staff wise Syllabus were distributed.
 - v) Staff wise workload has distributed.
 - vi) Certificate course for B.A. III were finalized.


Head, Department


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE

DEPARTMENT OF GEOGRAPHY

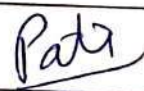


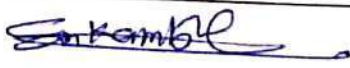
Notice

Academic Year 2023-24.

Notice of hereby given that the all the faculty member of the department of Geography here by informed that departmental meeting will be held regarding Syllabus Completion, Evaluation of Internal Examination, Test records, Guest lecture etc. for the above topics meeting held on 29/11/2023 at 11.00 am at Geography department. so, all staff members are requested to attend the Meeting with head of Geography.


Dept of Geography

Head. Department of Geography

Sr. No	Name of the Professor/ Teacher	Signature
1	Dr. Patil Ranjeet R	
2	Mr. Band A.M	
3	Dr. Wakade A.G.	
4	Mrs. Kamble S.M.	


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE**


DEPARTMENT OF GEOGRAPHY


Minutes of the Meeting

Year 2023-24

The meeting related to Syllabus Completion, Evaluation of Internal Examination, Test records, Guest is held on 29/11/2023 at 11.00 am at Geography department. The Minutes of the meeting is following.

1. The meeting is held on 29/11/2023 at 11.00 am
2. In this meeting head of Geography department and Staff member were present
3. In this Meeting participants are discussed about Syllabus Completion, evaluation of Internal Examination Test records, Guest lecture etc.
4. In this Meeting the following points are Finalized
 - i) Syllabus Completion report.
 - ii) Internal Examination – UA and CA
 - iii) Test record
 - iv) Guest Lecture


Head. Department of Geography


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE

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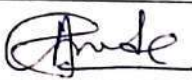
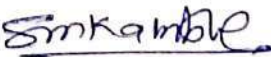
Date- 15/12/2023

Academic Year 2023-24

Notice of hereby given that the all the faculty member of the department of Geography here by informed that departmental meeting will be held regarding Syllabus Distribution, Planning of Study Tour, Distribution and completion of project Report work, Evaluation of Internal Examination, organized Guest lecture, Celebration of Geography Day and Geography Practical Examination, is held on 18/12/2023 at 11.00 am at Geography department. so, all staff members are requested to attend the Meeting with head of Geography.


Dept of Geography

Head. Department of Geography

Sr. No	Name of the Professor/ Teacher	Signature
1	Dr. Patil Ranjeet R	
2	Mr. Band A.M	
3	Dr. Wakade A.G.	
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I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE**

DEPARTMENT OF GEOGRAPHY

**Minutes of the Meeting
Year 2023-24**

The meeting related Syllabus Distribution, Planning of Study Tour, Distribution and completion of project Report work, Evaluation of Internal Examination, organized Guest lecture, Celebration of Geography Day and Geography Practical Examination is held on 18/12/2023 at 11.00 am at Geography department. The Minutes of the meeting is following.

1. The meeting is held on 18/12/2023 at 11.00 am
2. In this meeting head of Geography department and Staff member were present
3. In this Meeting participants are discussed about Syllabus Distribution, Planning of Study Tour, Distribution and completion of project Report work, Evaluation of Internal Examination, organized Guest lecture, Celebration of Geography Day and Geography Practical Examination In this Meeting the following points are Finalized
 - i) Syllabus Distribution
 - ii) Geography Practical Examination.
 - iii) Study tour
 - iv) Discussion about project report work among the students
 - v) Internal Examination – UA and CA
 - vi) Celebration of Geography Day


Head. Department of Geography


**I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur**

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE

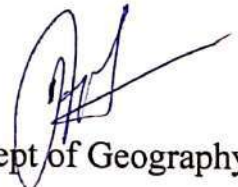
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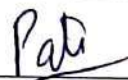

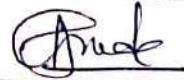
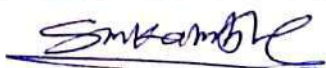
Notice

Date- 27/04/2024

Academic Year 2023-24

Notice of hereby given that the all the faculty member of the department of Geography here by informed that departmental meeting will be held regarding Syllabus Completion, Evaluation of Internal Examination, Test record, Study Tour, Distribution and completion of project work, Geography practical Examination among the students and Geography Practical Examination for the above topics meeting held on 29/04/2024 at 11.00 am at Geography department. so, all staff members are requested to attend the Meeting with head of Geography.


Dept of Geography
Head. Department of Geography

Sr. No	Name of the Professor/ Teacher	Signature
1	Dr. Patil Ranjeet R	
2	Mr. Band A.M	
3	Dr. Wakade A.G.	
4	Mrs. Kamble S.M.	


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE

DEPARTMENT OF GEOGRAPHY

Minutes of the Meeting

Year 2023-24

The meeting related to Syllabus Completion, Evaluation of Internal Examination, Test record, Study Tour, Distribution and completion of project work, Geography practical Examination is held on 29/04/2024 at 11.00 am at Geography department. The Minutes of the meeting is following.

1. The meeting is held on 29/04/2024 at 11.00 am
2. In this meeting head of Geography department and Staff member were present
3. In this Meeting participants are discussed about Syllabus Completion, evaluation of Internal Examination Test records, Guest lecture etc.
4. In this Meeting the following points are Finalized
 - i) Syllabus Completion report.
 - ii) Internal Examination – UA and CA
 - iii) Test record
 - iv) Guest Lecture
 - v) completion of project work and Tour Report
 - vi) Geography practical Examination


Head. Department of Geography


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE
VIDHYANAGAR BHOSARE

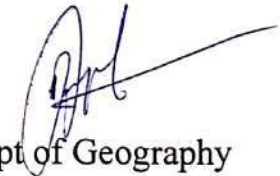
DEPARTMENT OF GEOGRAPHY

Notice

Date- 15/12/2023


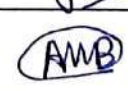
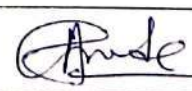
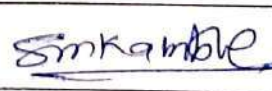
Academic Year 2023-24

Notice of hereby given that the all the faculty member of the department of Geography here by informed that departmental meeting will be held regarding Syllabus Distribution, Planning of Study Tour, Distribution and completion of project Report work, Evaluation of Internal Examination, organized Guest lecture, Celebration of Geography Day and Geography Practical Examination, is held on 18/12/2023 at 11.00 am at Geography department. so, all staff members are requested to attend the Meeting with head of Geography.



Dept of Geography

Head. Department of Geography

Sr. No	Name of the Professor/ Teacher	Signature
1	Dr. Patil Ranjeet R	
2	Mr. Band A.M	
3	Dr. Wakade A.G.	
4	Mrs. Kamble S.M.	



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ART'S, COMMERCE AND VINAYAKRAO PATIL SCIENCE
COLLEGE VIDYANAGAR, BHOSARE**



Department of Economics

Minutes of the Meeting
Year 2023-24

Date -09/08/2023


Departmental meeting related to Time table, Syllabus distribution, workload distribution, Academic calendar, Certificate course and guest lecture was held on 10/08/2023 at 11.00am at Department of Economics


. Following staff members were present for the meeting.

Sr.No	Name of the Teacher	Signature
1	Prof.Waghmare V.B.	
2	Prof.Kadam D.M.	
3	Prof. Survase N.A.	

The Minutes of the meeting is following.

1. In this Meeting The following points are Finalized
 - i) Discussion on Departmental time table for academic year 2023-24 was done.
 - ii) Resource persons and tentative Dates of Online Guest lecturer were finalized
 - iii) Academic calendar was prepared.
 - iv) Syllabus was distributed among the staff.
 - v) Departmental workload and papers were distributed.
 - vi) Date and Topic were discussed for the certificate course of academic year 2023-24.


Head, Department of Economics
KNBAC & VPS College, Bhosare.


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. BHISE ART'S, COMMERCE AND VINAYAKRAO PATIL SCIENCE
COLLEGE VIDYANAGAR, BHOSARE


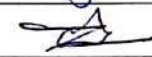
Department of Economics

Minutes of the Meeting
Year 2023-24

Date – 15/11/2023

Departmental meeting related to Field Project and Online guest lecture was held on 17/11/2023 at 11.00am at Department of Economics

. Following staff members were present for the meeting.


Sr. No	Name of the Teacher	Signature
1	Prof. Waghmare V.B.	
2	Prof. Kadam D.M.	
3	Prof. Survase N.A.	

The Minutes of the meeting is following.

In this Meeting the following points are finalized

- i) Discussion on online guest lecture and finalized title and date.
- ii) Resource persons and tentative Dates of Online Guest lecturer were finalized for first term of the academic year 2023-24.


Head, Department of Economics
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. BHISE ART'S, COMMERCE AND VINAYAKRAO PATIL SCIENCE
COLLEGE VIDYANAGAR, BHOSARE

Department of Economics



Minutes of the Meeting

Year 2023-24

Date – 20/12/2023

Departmental meeting related to Departmental NAAC Visit was held on 21/12/2023 at 11.00am at Department of Economics

. Following staff members were present for the meeting.


Sr. No	Name of the Teacher	Signature
1	Prof. Waghmare V.B.	
2	Prof. Kadam D.M.	
3	Prof. Survase N.A.	

The Minutes of the meeting is following.

In this Meeting the following points are finalized

- iii) Discussion on NAAC Peer Team visit to Department.
- iv) Finalized all departmental files (certificate course title, time table and shorting applications of this certificate course)


Head, Department of Economics
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur.

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of Economics


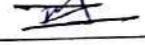
Minutes of the Meeting

Year 2023-24

Date 26-01-2024


Departmental meeting related to online one day National level seminar on 27th Jan. was held on 27/01/2024 at 11.00am at Department of Economics


Following staff members were present for the meeting.

Sr. No	Name of the Teacher	Signature
1	Prof. Waghmare V.B.	
2	Prof. Kadam D.M.	
3	Prof. Survase N.A.	

The Minutes of the meeting is following:

- i) Discussion on online one day National level seminar on 27th Jan. was held on 25/01/2022.
- ii) Resource persons and tentative Dates of resurge person were finalized
- iii) Finalized broacher and advisory committee


Head, Department of Economics
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur



Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of Economics
Minutes of the Meeting
Year 2023-24

Date: - 27/04/2024


Departmental meeting related to guest lecture was held on 28/04/2024 at 11.30am at Department of Economics


. Following staff members were present for the meeting.

Sr. No	Name of the Teacher	Signature
1	Prof. Waghmare V.B.	
2	Prof. Kadam D.M.	
3	Prof. Survase N.A.	

The Minutes of the meeting were following.

- i) Discussion on online guest lecture and finalized title and date.
- ii) Resource persons and tentative Date of Guest lecturer were finalized for second term of the academic year 2022-24.


Head, Department of Economics
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur



Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of Economics
Minutes of the Meeting
Year 2023-24

Date: - 05/04/2024

Departmental meeting related to short term certificate course in stock market was held on 06/04/2024 at 11.00 am at Department of Economics


. Following staff members were present for the meeting.

Sr. No	Name of the Teacher	Signature
1	Prof. Waghmare V.B.	
2	Prof. Kadam D.M.	
3	Prof. Survase N.A.	

The Minutes of the meeting is following.

2. In this Meeting The following points are Finalized
 - i) Discussion on broacher, time table and syllabus of certificate course.
 - ii) Date and Topic were discussed for the certificate course of academic year 2023-24.
 - iii) Tentative Date and Place of Departmental Tour were discussed.
 - iv) Unit Test and Students seminar were finalized according to CIE Calendar.


Head, Department of Economics
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
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Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of History
Year 2023-24

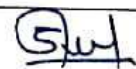
Notice
For
Departmental Meeting

The faculty member of the department of History is hereby informed that departmental meeting will be held on 15/07/2023 at 11.00 am at Department of History so faculty member is requested to attend the Meeting.


Agenda of the Meeting

1. Plan the Time table,
2. Distribution, Syllabus
3. Workload distribution,
4. Academic calendar,
5. Planning for Certificate course
6. Planning for Online guest lecture

Dept of History
H.O.D

Sr. No	Name of the Professor/ Teacher	Signature
1	Mr. Shejul B. R.	


Head, Department of History
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solanur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of History
Year 2023-24


Notice
For
Departmental Meeting

The faculty member of the department of History is hereby informed that departmental meeting will be held on 02/01/2024 at 11.00 am at Department of History so faculty member is requested to attend the Meeting.


Agenda of the Meeting

1. Field Project,
2. Certificate course
3. Online \ offline guest lecture


Dept of History
H.O.D

Sr. No	Name of the Professor/ Teacher	Signature
1	Mr. Shejul B. R.	


Head, Department of History
KNBAC & VPS College, Bhosare.

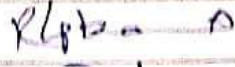
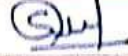

I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of History
Minutes of the Meeting

Year 2023-24

Departmental meeting related to Time table, Syllabus distribution, workload distribution, Academic calendar, Certificate course and guest lecture was held on 15/07/2023 at 11.00 am at Department of History. Following staff members were present for the meeting.

Sr. No	Name of the Teacher	Signature
1	Prof. Pantulwar R. G.	
2	Prof. Shejul. B. R.	

The Minutes of the meeting is following.

1. In this Meeting The following points are Finalized

- A Draft of Departmental Time-table for academic year 2023-24 was prepared.
- Tentative Dates and Resource Persons for Online \ offline Guest lecturers were finalized
- Academic calendar was prepared.
- Courses were distributed among the staff.
- Departmental workload and papers were distributed.
- Date and Topic was discussed for the certificate course for the Academic year 2023-24.


Head, Department of History
KNBAC & VPS College, Bhosare.




I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madhu Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of History
Minutes of the Meeting

Year 2023-24

Departmental meeting related to Field Project and Online\ Offline guest lecture was held on 02/01/2024 at 11.00am at Department of History. Following staff members were present for the meeting.


Sr. No	Name of the Teacher	Signature
1	Prof. Pantulwar R. G.	
2	Prof. Shejul. B. R.	

The Minutes of the meeting is following.

2. In this Meeting The following points are Finalized

- i) Discussion on Field Project for academic year 2023-24 was done. it was decided that field projects will be given only to the students of BA-III year.
- ii) Resource persons and tentative Dates of Guest lecturers were finalized for second term of the academic year 2023-24.
- iii) Discussion was done about final Documentation of certificate course to submit IQAC.


Head, Department of History
KNBAC & VPS College, Bhosare.


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist. Solapur



Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of History


Year 2023-24


Date: 30-05-2023

Department of history conducted two departmental meeting in the Academic Year 2023-24, so many resolutions were finalized at there.

Action Taken Report

Sr. No.	Resolution	Action taken
1.	It was resolved to prepare Departmental time table for the current academic year	All the members prepared the time table.
2.	It was decided to conduct online Certificate Course	Certificate Course was conducted during 04/014/2023 To 22/04/2023
3.	It was resolved to conduct online guest lecture	Online Guest Lecture were organized as per decided in Departmental Meeting.
4.	It was resolved to prepare Departmental Academic Calendar for the current academic year	Head and Assistance of Department prepared Academic Calendar for current academic year.
5.	It was decided to allot Paper as per workload	As per the resolution the action has been taken.
6.	It was decided to assign the field project for the BA-III year students.	As per the resolution the action has been taken
7.	It was resolved to conduct Students seminar and Tutorial test under CIE.	As per resolution online seminar and Test have been organized for students.


Head, Department of History
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solanur

माढा तालुका शिक्षण प्रसारक मंडळ संचलित,
के. एन.भिसे आर्ट्स, कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज विद्यानगर,
भोसरे(कुईवाडी)

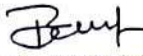
NAAC Re-accrdited ' A' Grade
Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

(Departmental Meeting)

२०२३-२४ (प्रथम सत्र)

सूचना



मराठी विभागातील सर्व प्राध्यापकांना सुचित करण्यात येते की, दिनांक ०५/०८/२०२४ रोजी मराठी विभागात मीटिंगचे आयोजन केले आहे. तरी सकाळी १०.०० वाजता मराठी विभागातील सर्व प्राध्यापकांनी मीटिंगसाठी उपस्थित रहावे.


विभागाप्रमुख (Head of Marathi)
KNBAC & VPS College, Bhosare.


प्राचार्य

प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि.सोलापूर

उपस्थिती :-

१. प्रो. डॉ. पी. एस. कांबळे - 
२. सौ. डॉ. एस. व्ही. मोहिते - 

* मीटिंग मधील चर्चेचे विषय पुढीलप्रमाणे :-

१. पहिल्या सत्रामधील अभ्यासक्रमाविषयी चर्चा करणे.
२. अभ्यासक्रमाचे/ पेपरचे वितरण करणे.
३. बदललेल्या अभ्यासक्रमाविषयी चर्चा करणे.
४. टिचिंग प्लॅन विषयी चर्चा करणे.
५. विभागांतर्गत घेण्यात येणाऱ्या प्रमाणपत्र कोर्स संबंधी चर्चा करणे.
६. वार्षिक नियोजनासंबंधी चर्चा करणे.
७. आयत्या वेळचे विषय ..

माडा तालुका शिक्षण प्रसारक मंडळ संचालित,
के. एन. भिसे आर्ट्स, कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज विद्यानगर,
भोसरे(कुर्दुवाडी)

NAAC Re-accrdited ' A' Grade
Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)


(Departmental Meeting)


२०२३-२४ (प्रथम सत्र)

अहवाल



मराठी विभागात दिनांक ०५/०८/२०२४ रोजी मीटिंग आयोजित केली होती. या मीटिंगला अध्यक्ष म्हणून मराठी विभाग प्रमुख प्रोफेसर डॉ. पी.एस.कांबळे उपस्थित होते.त्याचप्रमाणे मराठी विभागातील सहाय्यक प्राध्यापिका सौ.डॉ. एस. व्ही. मोहिते मंडम उपस्थित होत्या. या मीटिंगमध्ये ठरलेल्या विषयावर अनुकूल चर्चा करण्यात आली. प्रथम सत्रात घेण्यात येणारे कार्यक्रम, टीचिंग प्लॅन, अभ्यासक्रम पूर्तता कशा पद्धतीने करावी हे ठरवले गेले. या मीटिंगमध्ये खालील ठराव मांडण्यात आले..

१. प्रथम सत्रातील अभ्यासक्रम पूर्ण झाल्यानंतर त्यावर आधारित घटक चाचण्यांचे (अंतर्गत मूल्यमापन) नियोजन करण्यात आले.
 २. मराठी वांगमय मंडळाची स्थापना करून विविध कार्यक्रम घेण्याचे ठरवले.
 ३. प्रथम सत्रात वाटून दिलेल्या अभ्यासक्रम /पेपर वितरण केले..
 ४. बदललेल्या अभ्यासक्रमावर तसेच टीचिंग प्लॅनविषयी आराखडा ठरवला.
 ५. विभागांतर्गत घेण्यात येणाऱ्या प्रमाणपत्र कोर्स संबंधी चर्चा करून त्याचा विषय ठरवला गेला.
- अशा पद्धतीने वरील सर्व विषयावर अनुकूल चर्चा होऊन सर्वानुमते हे वरील ठराव मंजूर करण्यात आले.


Head, Department of Marathi
विभागप्रमुख PS College, Bhosare.


प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि.सोलापूर

उपस्थिती :-

१. प्रो. डॉ. पी. एस. कांबळे 
२. सौ. डॉ. एस. व्ही. मोहिते 

के. एन.मिसे आर्ट्स, कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज विद्यानगर, भोसरे(कुईवाडी)

Departmental Meeting)

२०२३-२४ (प्रथम सत्र समाप्ती)

सूचना

मराठी विभागातील सर्व प्राध्यापकांना सूचित करण्यात येते की, दिनांक १२/११ /२०२३ रोजी मराठी विभागात प्रथम सत्र समाप्ती मीटिंगचे आयोजन केले आहे. तरी सकाळी ११.०० वाजता मराठी विभागातील सर्व प्राध्यापकांनी मीटिंगसाठी उपस्थित रहावे.



विभागाध्यक्ष
Department of Marathi
KNEAC & YPS College, Bhosara.



प्राचार्य

प्रमारी प्राचार्य

के.एन.मिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

उपस्थितो :-

१. प्रो. डॉ. पी. एस. कांदळे 

२. डॉ. सौ. एस. व्ही. मोहित 

* मीटिंग मधील चर्चेचे विषय पुढीलप्रमाणे :-

१. पहिल्या सत्रामधील अड्यासक्रम पूर्तते विषयी आढावा घेणे.

२. नागील मीटिंग मध्ये झालेल्या ठरावावर चर्चा करणे.

३. पहिल्या सत्रामधील ठरवलेल्या कार्यक्रमाविषयी आढावा घेणे.

४. पहिल्या सत्रामधील अड्यासक्रमावर घेतलेल्या परीक्षेसंबंधी आढावा घेणे.

५. विभागांतर्गत घेण्यात आलेल्या प्रमाणपत्र कोर्स संबंधी आढावा घेणे.

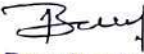
६. आयत्या वेळचे विषय .

मराठी विभाग

अहवाल

मराठी विभागात दिनांक १२/११/२०२३ रोजी मीटिंग आयोजित केली होती. या मीटिंगला अध्यक्ष म्हणून मराठी विभाग प्रमुख प्रोफेसर डॉ. पी.एस.कांबळे उपस्थित होते. त्याचप्रमाणे मराठी विभागातील सहाय्यक प्राध्यापिका डॉ. सौ.एस. व्ही. मोहिते मंडम उपस्थित होत्या. या मीटिंगमध्ये ठरलेल्या विषयावर अनुकूल चर्चा करण्यात आली. प्रथम सत्रात घेण्यात येणारे कार्यक्रम, टीचिंग प्लॅन, अभ्यासक्रम पूर्तता कशा पद्धतीने करावी हे ठरवले गेले. या मीटिंगमध्ये खालील ठराव मांडण्यात आले..

१. प्रथम सत्रातील अभ्यासक्रम पूर्ण करून त्यावर आधारित घटक चाचण्यांचे (अंतर्गत मूल्यमापन) नियोजन करण्यात आले.
२. मराठी वांगमय मंडळाची स्थापना करून विविध कार्यक्रम घेण्याचे ठरले.
३. प्रथम सत्रात वाटून दिलेल्या अभ्यासक्रम / पेपर पूर्ण करणे.
४. बदललेल्या अभ्यासक्रमावर तसेच टीचिंग प्लॅनविषयी चर्चा झाली. वरील विषयावर चर्चा होऊन सर्वानुमते हे ठराव मंजूर करण्यात आले.


Head, Department of Marathi
NBAC & VFS College, Bhosare.


प्रभारिभाप्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
वेनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

उपस्थिती :-

१. प्रो. डॉ. पी. एस. कांबळे



२. डॉ. सौ. एस. व्ही. मोहिते



के. एन.भिसे आर्ट्स,कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज विद्यानगर, भोसरे(फुडूवाडी)

Departmental Meeting)

२०२३-२४ (द्वितीय सत्र)

सूचना


मराठी विभागातील सर्व प्राध्यापकांना सुचित करण्यात येते की, दिनांक २७/१२/२०२४ रोजी मराठी विभागात मीटिंगचे


आयोजन केले आहे. तरी सकाळी ११.०० वाजता मराठी विभागातील सर्व प्राध्यापकांनी मिटिंगसाठी उपस्थित रहावे.


Head Department of Marathi
विभागाध्यक्ष
BAG & VPS College, Bhosara.


प्राचार्य
प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स,कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि.रा.कोल्हापूर

उपस्थिती :-

१.प्रो. डॉ. पी. एस. कांबळे 

२.डॉ. सौ. एस. व्ही. मोहिते 

* मीटिंग मधील चर्चेचे विषय पुढीलप्रमाणे :-

१.मागील मिटिंग मध्ये घेण्यात आलेल्या ठरावावर चर्चा करणे..

२.द्वितीय सत्र अभ्यासक्रमाचे/ पेपरचे वितरण करणे.

३.द्वितीय सत्रात घेण्यात येणाऱ्या उपक्रमावर चर्चा

४ अंतर्गत परीक्षेसंबंधी चर्चा करणे.

४. आयत्या वेळचे विषय ...

मराठी विभाग

अहवाल

मराठी विभागात २०/१२/२०२४ रोजी मीटिंग आयोजित केली होती. या मीटिंगला अध्यक्ष म्हणून मराठी विभाग प्रमुख प्रोफेसर डॉ. पी.एस. कांबळे उपस्थित होते. त्याचप्रमाणे मराठी विभागातील सहाय्यक प्राध्यापिका डॉ. सौ. एस. व्ही. मोहिते मॅडम उपस्थित होत्या. या मीटिंगमध्ये ठरलेल्या विषयावर अनुकूल चर्चा करण्यात आली. या मीटिंगमध्ये खालील ठराव मांडण्यात आले..

१. प्रथम सत्रातील अभ्यासक्रम पूर्ण करून त्यावर आधारित घटक चाचण्यांचे (अंतर्गत मूल्यमापन) नियोजन करण्यात आले.
२. मराठी वांग्मय मंडळाची स्थापना करून विविध कार्यक्रम घेण्याचे ठरवले.
३. प्रथम सत्रात वाटून दिलेल्या अभ्यासक्रम / पेपर पूर्ण करणे.
४. बदललेल्या अभ्यासक्रमावर तसेच टीचिंग प्लॅनविषयी आराखडा ठरवला.
५. विभागांतर्गत घेण्यात येणाऱ्या प्रमाणपत्र कोर्स संबंधी चर्चा करून त्याचा विषय तर्कला गेला. वरील विषयावर चर्चा होऊन सर्वानुमते हे ठराव मंजूर करण्यात आले.


Head, Department of Marathi
विभागाध्यक्ष
KVBAC & VPS College, Bhosare.


प्रभारी प्राचार्य
के.एन. भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

उपस्थिती :-

१. प्रो. डॉ. पी. एस. कांबळे

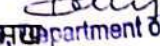


२. डॉ. सौ. एस. व्ही. मोहिते



सूचना


मराठी विभागातील सर्व प्राध्यापकांना सुचित करण्यात येते की, दिनांक ३१/०३/२०२४ रोजी मराठी विभागात मीटिंगचे आयोजन केले आहे. द्वितीय सत्रात घेण्यात आलेल्या कार्याचा आढावा घेण्यासाठी ही मीटिंग आयोजित केली आहे तरी सकाळी ११.०० वाजता मराठी विभागातील सर्व प्राध्यापकांनी मीटिंगसाठी उपस्थित रहावे.



विभागाध्यक्ष Department of Marathi
KNBAC & VPS College, Bhosare.


प्राचार्य

प्रमारी प्राचार्य
के. एन. भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

उपस्थिती :-

१. प्रो. डॉ. पी. एस. कांबळे : 

२. डॉ. सौ. एस. व्ही. मोहिते : 

* मीटिंग मधील चर्चेचे विषय पुढीलप्रमाणे :-

१. मागील मीटिंग मध्ये घेण्यात आलेल्या ठरावाची कार्यपूर्ती झाली का चर्चा करणे..
२. द्वितीय सत्रामधील अभ्यासक्रमाची पुर्ततेविषयी चर्चा झाली.
३. द्वितीय सत्रामधील ठरवलेल्या कार्यक्रमाविषयी आढावा घेण्यात आला..
४. द्वितीय सत्रामधील अभ्यासक्रमावर घेतलेल्या परीक्षेसंबंधी मूल्यमापन आढावा घेणे.
६. आयत्या वेळचे विषय ...

**K.N.Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare. Kurduwadi**

Department of Zoology

Departmental Meeting

CONDUCTED BY Dr. P.S.Kamble , Principal K.N.Bhise Arts, Commerce and
Vinayakrao Patil Science College, Vidyanagar Bhosare. Kurduwadi

Date of the Meeting – 12/07/2023

ATENDEES: 1) Dr.S.S. Kshirsagar – Subject faculty

AGENDA:

1. Time table
2. Course schedule
3. Department requirements
4. Lab attendants
5. Library Books

Agenda	Points discussed	Action required / taken
1. Time table	Allotments of lecture and finalize the time table , Tentative schedule for completion of syllabus	Lectures for the Zoology lectures were scheduled, and the departmental time table was finalized. Schedule for completion of syllabus was finalized.
2. Course schedule	Course schedule to be done according to the new format, Discuss about Course PO, CO, and PSO	The revised format for the course schedule must be followed. Talk about the PO, CO, and PSO courses.
3. Department requirements	Discussion about requirements of department	Required items for the Zoology department was discussed and provided.

4. Lab attendants	List of task for laboratory attendant	List of tasks to be given to lab attendant Mr.Samadhan Bagal.
5. Library Books	Discuss about updating of library books for the subject Zoology.	Books of list given to the librarian to update the subject books in library.

Minutes documented by – Dr. S.S. Kshirsagar



Presided by – Dr. P.S. Kamble

Subject Faculty – Dr. S.S.Kshirsagar



I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare**

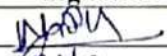


Department of Commerce
Year 2023-24

Notice

All the faculty member of the department of Commerce are hereby informed that departmental meeting will be held on 26/11/2023 at 11.00 am at Department of Commerce so all faculty members are requested to attend the Meeting.

Agenda of the Meeting

1. Certificate course
2. Online guest lecture

Sr. No	Name of the Professor/ Teacher	Signature
1)	Prof. Nanchade P.K.	
2)	Dr. Mohite S.V.	
3)	Dr. Lalgumare V.B.	


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

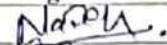


Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of Commerce

Minutes of the Meeting

Year 2023-24

Departmental meeting related to online guest lecture was held on 26/11/2023 at 11.00am at Department of Commerce. Following staff members were present for the meeting.

Sr. No	Name of the Teacher	Signature
1)	P. K. Nandavale	
2)	Dr. Mohite S.V.	
3)	Dr. Wajlimure V.B	

The Minutes of the meeting is following.

In this Meeting the following points are finalized

- i) Resource persons and tentative Dates of Online Guest lecture were finalized for second term of the academic year 2023-24.
- ii) Discussion was done about final Documents and report of certificate course.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of Commerce

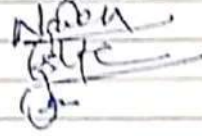
Year 2023-24

Notice

All the faculty member of the department of Commerce are hereby informed that departmental meeting will be held on 05/07/2023 at 11.00 am at Department of Commerce so all faculty members are requested to attend the Meeting.

Agenda of the Meeting

1. Plan the Time table,
2. Distribution, Syllabus
3. Workload distribution,
4. Academic calendar,
5. Planning for Certificate course
6. Planning for Online guest lecture

Sr. No	Name of the Professor/Teacher	Signature
1)	Prof. P. K. Narvade	
2)	Dr. Mohite. S. V.	
3)	Dr. Jayaram V. B.	


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

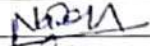


Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of Commerce

Minutes of the Meeting

Year 2023-24

Departmental meeting related to Time table, Syllabus distribution, workload distribution, Academic calendar, Certificate course and guest lecture was held on 05/07/2023 at 11.00am at Department of Commerce. Following staff members were present for the meeting.

Sr. No	Name of the Teacher	Signature
1)	P. K. Narkhade	
2)	Dr. Molyte S. V.	
3)	Dr. Kalyanare V. B.	

The Minutes of the meeting is following.

In this Meeting the following points are finalized

- i) Discussion on Departmental time table for academic year 2023-24 was done.
- ii) Resource persons and tentative Dates of Online Guest lecture were finalized
- iii) Academic calendar was prepared.
- iv) Syllabus was distributed among the staff.
- v) Departmental workload and papers were distributed.
- vi) Date and Topic were discussed for the certificate course of academic year 2023-24.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar, Bhosare

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College
Vidyanagar, Bhosare

Department of Commerce

Year 2023-24

Date: 30-04-2024

Department of Commerce conducted two departmental meeting in academic year 2023-24, so many resolutions were finalized at there.

Action Taken Report

Sr. No.	Resolution	Action taken
1.	It was resolved to prepare Departmental time table for the current academic year	All the members prepared the time table.
2.	It was resolved to conduct online guest lecture	Online Guest Lecture were organized as per decided in Departmental Meeting.
3.	It was resolved to prepare Departmental Academic Calendar for the current academic year	Head and Assistance of Department prepared Academic Calendar for current academic year.
4.	It was decided to allot Paper as per workload	As per the resolution the action has been taken.
5.	It was resolved to conduct Students seminar and Tutorial test under CIE.	As per resolution online seminar and Test have been organized for students.


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

2023 - 24

classmate

Date _____

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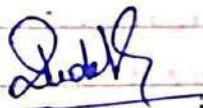
Notice

13/07/2023

All the staff members of department of chemistry are hereby inform that the departmental meeting is held on 13/07/2023 at 1.15 pm in department of chemistry. There will be discuss on the topic of B.Sc.I admission, academic planning, time-table, bridge course, chemical requirement, etc. All staff members are should be present at time of meeting.

The agenda of the meeting.

- 1) Discussion on syllabus of B.Sc.I year & syllabus distribution.
- 2) Time-table (B.Sc.I)
- 3) Bridge course
- 4) Chemical stock & dead stock register checking & new requirement of chemicals.
- 5) Distribution of syllabus to newly appointed CHB teacher.
- 6) Student oriented activities.
- 7) Departmental calendar etc.
- 8) Result analysis etc.



Head, Department of Chemistry
KNBAC & VPS College, Bhosare.

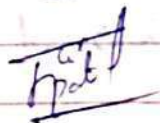


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

1) S. P. Phulwale



2) M. M. Patil



2

Minutes of the meeting
The meeting was held on 18/07/2023 at 1.15 pm
in department of chemistry. The following
discussion is based on agenda.

1) Discussion on syllabus of B.Sc-I - We have discussed on syllabus of B.Sc.I Chemistry paper-I & paper-II. & also practical course. According to syllabus we have plan to prepare teaching plan of theory & practical paper.

2) Time-table: - When B.Sc.I admission process was complete, we decided theory lectures will be conducted & according to paper distribution time-table of B.Sc.I was prepared.

3) Bridge course - In B.Sc.I students who will come after completed diploma or any educational gap & ~~entire~~ direct entry to B.Sc I course, these students does not knowledge about basic science concepts of chemistry. So we decided first week of starting the college we arrang. the bridge course for students.

4) Chemical stock & dead stock register: - According to requirement of chemicals we prepared quotations. & placed quotations to chemical distributors.

5) Distribution of syllabus to newly appointed teachers
We have calculated workload of department & allotted workload to permanent teachers & remaining workload distributed to newly appointed teachers.

6) Student oriented activities: - We have planning to carry out student oriented activities in first term such as seminars

for ~~the~~ third year students ^{4 also} debate, ^{different} competitions, ~~etc.~~ projects etc.

7) Departmental Calendar: - We have prepared different activities which are carry out in first term & second term.

8) Result analysis: - We have prepared record of last year students. We discussed on analysis of result. We decide to use the different teaching aids for teaching methods for increase the percentage of results. We also decide to provide advanced materials for advanced learners.

In this way the meeting was held with discussions on above issues. The following staff members were present for this meeting.

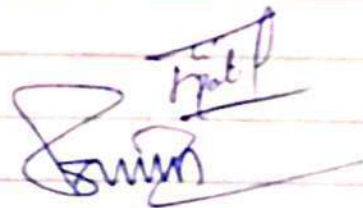


Head, Department of Chemistry
KNBAC & VPS College, Bhosare



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

- 1) M. M. Paki
- 2) S. P. Phulwale

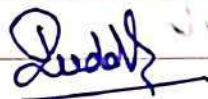


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Action taken report of meeting held on
14/07/2023

As per the agenda & discussion commenced
in the meeting of 14th July 2023, following
actions were taken

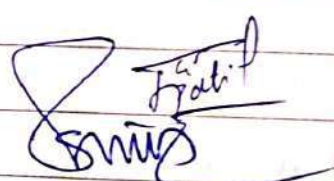
- 1) Teaching plan was prepared
- 2) Departmental B.Sc.I time-table has prepared.
- 3) Notice was prepared for bridge course.
- 4) Prepared, requirement of chemicals & also
prepared quotations & sent to distributors
- 5) Syllabus was distributed & theory lectures
was started.
- 6) Notice was given to students for student
oriented activities & activities are run.



Head, Department of Chemistry
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

- 1)
- 2) m.m. patil
- 3) s.p. phulwale 

Notice

03/10/2023

All the staff members of department of chemistry are hereby inform that the departmental meeting is held on 06/10/2023 at 11:30am. in department of chemistry. There will be discuss on topic of internal exam & record, attendance record, subjected related certificate course, CIE record, other departmental activities & any other issues. All staff members are should be present at time of meeting.

The agenda of the meeting:

- 1) CIE record
- 2) Departmental certificate course
- 3) Internal exam
- 4) Attendance record

[Signature]

Head, Department of Chemistry
KNEAC & VPS College, Bhosare.

[Signature]

I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

- | Name of Staff members | Signature |
|-----------------------|--------------------|
| 1) S. P. Phulwale | <i>[Signature]</i> |
| 2) M. M. Pakil | <i>[Signature]</i> |
| 3) S. T. Pawar | <i>[Signature]</i> |
| 4) B. M. Mali | <i>[Signature]</i> |

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classmate
Date _____
Page _____

Minutes of the meeting
The meeting was held on 06/10/2023 at 11:30 AM in department of chemistry. The following discussion is based on agenda.

1) CIE record :- The faculty members were discussed on curricular & co-curricular activities & collected records. They also collected unit test taken by faculty members, & analysed & sort the slow & advanced learner students.

2) Departmental certificate course :- We have planning to carry out the ^{subject related} certificate course of synthesis of heterocyclic compounds for science students. So we prepared the proposal & forward to IQAC for giving permission. We prepared objectives of this course. We also prepared syllabus, duration & time table for this course. We also allot the faculty & implemented.

3) Internal Exam :- For this first term we plan to held the internal college exam. & also we have prepared record of question papers, student's attendance, marksheet. We also ~~distributed~~ allot the teachers to analyse of student's progress & evaluation. We prepared a list of slow & advanced learner on the basis of assessment of internal exam & also unit test.

4) Attendance record :- We have maintained the record of student attendance of theory lectures & practicals in first term. We also decide to take action on students whose attendance below 80 percentage or ^{also repeatedly} irregular students. We also decide to organize different projects, hands on training for increasing the student strength.

We discussed any other issues In this way the meeting was over with above discussion. Following staff members were present for this meeting.



Head, Department of Chemistry
KNBAC & VPS College, Bhosare.

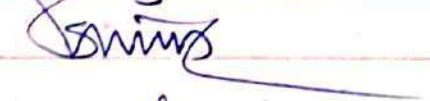


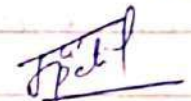
I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Name of staff members

- 1) S. P. Phulwale
- 2) M. M. Patil
- 3) S. T. Pawar
- 4) B. M. Mali

Signature







Action taken report of the meeting held on
06/10/2023 at 11.30 am.

As per the agenda & discussion commented
in the meeting of 06/10/2023, following actions
were taken.

- 1) CIE time table was prepared.
- 2) The proposal of certificate course was prepared
forwarded to IQAC. Syllabus & timetable was
decided.
- 3) Time-table for internal exam was done.
- 4) Attendance record was collected.

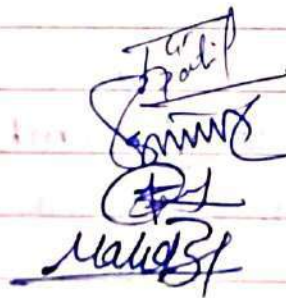


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- 1) Patil M.M.
- 2) S.P. Phulewale
- 3) S.J. Pawar
- 4) B.M. Mali



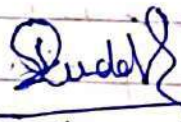
Notice

06/02/2024

All the staff members of department of Chemistry are hereby informed that, the departmental meeting held on 09th February 2024 at 11.30 am. in dept. of Chemistry. All are requested to be present here.

The agenda of the following meeting is

- 1) Preparation of practical exam
- 2) Fore well function of BSc III students
- 3) Remedial classes
- 4) Chemical requirement
- 5) Record of unit test
- 6) NAAC work
- 7) Curricular & co-curricular activities.



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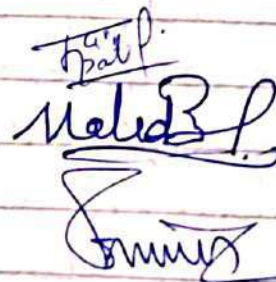


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Staff members

- 1) Patil M. M.
- 2) B.M. Mali
- 3) S. P. Phulwale

Signature



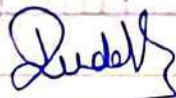
Minutes of the meeting

The meeting was held on 9/02/2024 at 11.30 am in the department of Chemistry. In the meeting following topics were discussed based on agenda:

- 1) Preparation of practical exam: - all staff members were discussed on required chemical for practical exam. We have prepared list of chemicals; glasswares. & gave the suggestion to lab attendant to check the deadstock registers. We also prepared quotation & forwarded to principal for permission.
- 2) Farewell function: - We have decided to organize farewell function of last year students & so give the suggestions for students to arrange this programme. By this programme we get the feedback of students for future changes.
- 3) Remedial class: We have decided to arrange remedial lectures for slow learners who got less marks or failed in previous exams & for improvement their performance. So we prepared the notice & time table for remedial lectures.
- 4) Chemical requirement: -
- ④ Record of unit test: - We have collected all records of unit tests which is carried out for B.Sc. I; II & III year student after completion of topics. We noted student who have scored less marks or absent for tests. We were decided to communicate their parents & to show their performance in unit test.

5) NAAC Work : We have also discussed on NAAC preparation. We have prepared & collect all documents of criterion wise files. We also prepare curricular & co-curricular activities. In this way we were discussed on above issues & meeting was over.

The following staff members were present for this meeting.



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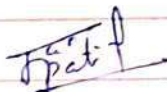

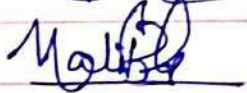


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Name of staff members

Signature

- 1) patil m. r.
- 2) S-P-phulwale
- 3) B.M. Mali

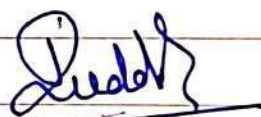




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Date _____
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Action taken report of meeting held on
09/02/2024 at 11:30 am.

As per the agenda & discussion commenced
in the meeting of 09/02/2024, following actions
were taken.

- 1) Time-table, requirement of chemicals for practical exam was listed.
- 2) For organization of forewell function notice is given to students.
- 3) Notice, time-table was prepared for remedial lectures.
- 4) All record of unit test was collected & sort out slow & advance learner.
- 5) All necessary documents were prepared by IQAC suggestions.
- 6) Some record of curricular & co-curricular activities was collected.

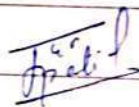


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Vidyanagar Bhosare, Dist-Solapur.

1) P. M. Mali



2) B. M. Mali



3) S. P. Phulwale



सूचना

हिंदी विभाग के प्राध्यापकों को सूचित किया जाता है कि दि. 10/07/2023 को ठीक 11.00 बजे अपने हिंदी विभाग में मिटिंग का आयोजन किया हुआ है। ठीक समय पर उपस्थित रहे।

विभागाध्यक्ष

M. S. K. S.

पा. रौकड आरं. पी

Head, Department of Hindi
NBAC & VPS College Rhosara

चर्चा के विषय

- 1) वार्षिक नियोजन
- 2) वार्षिक पाठ्यक्रम नियोजन
- 3) NEP B.A.I के परिवर्तित पाठ्यक्रम पर चर्चा
- 4) हिंदी पखवाड़ा विभिन्न कार्यक्रम के संदर्भ में
- 5) बाह्य व्याख्याता के संदर्भ में
- 6) Slow Learner के संदर्भ में
- 7) प्रेमचंद जयंती के संदर्भ में
- 8) मानवी नैतिक मूल्य के व्याख्यान संदर्भ में
- 9) MOU अंतर्गत कार्यक्रम के संदर्भ में
- 10) समय पर उपस्थित अन्य विषय के संदर्भ में
- 11) हिंदी मानक वर्तनी सर्टीफिकेट कोर्स के संदर्भ में

अहवाल

विषय 1 - हिंदी विभागांतर्गत दि. 14/07/2020
मिटिंग ठीक 11.00 बजे शुरू हुई। इसमें बौद्धिक
25 के लिए वार्षिक नियोजन तैयार किया गया।

विषय 2 - B.A.I, B.A.II Paper IV/V, B.A.
VII, VIII, X पेपर डॉ. मनिषा सांकुशे और B.A.II
III/IV, B.A.III Paper IX, X पेपर प्रा. शेखे और पी.
निश्चित हुआ।

विषय 3 - NEP के अनुसार B.A.I के पाठ्यक्रम
के बारे में सविस्तर चर्चा हुई। इसके
तथा संदर्भ ग्रंथ ग्रंथालयद्वारा मंगवाना निश्चित हुआ।

विषय 4 - 14 सितंबर हिंदी दिन के उपलक्ष्य
1 सितंबर से 14 सितंबर तक हिंदी पखवाड़ा मनाया
इसके अंतर्गत प्रश्नमंजूषा, बकलूच निबंध काव्यवाचन,
हिंदी अध्ययन मंडल उद्घाटन, भिलीपत्रिका आदि स्थलों
का आयोजन किया गया।

विषय 5 - डॉ. अलका घोडके, कला और
साहित्य महाविद्यालय, माढा से बाह्य व्याख्याता के रूप
में बुलाना निश्चित हुआ।

विषय 6 - Slow Learner के छात्रों के लिए टेस्ट
लेना, उपयोजित लेखन लेना निश्चित हुआ।

विषय 7 - प्रेमचंद जयंती मनाना निश्चित हुआ।

विषय 8 - मानवी नैतिक मूल्यों के संदर्भ में
लेना निश्चित हुआ।

विषय 9 - 100 अंतर्गत कुछ कार्यक्रम लेना
टेस्ट लेना निश्चित किया गया।

विषय 10 - स्तम्भ पर उपास्थित छात्रों की
छात्रों की पाठ्यक्रम से संबंधित स्तम्भों पर चर्चा
छात्रों का उत्साह बढ़ाने के लिए उन्हें पारितोषिक देना निश्चित हुआ।

विषय 11 - मानक वर्तनी कोर्ट सेमीलर II
निश्चित हुआ।

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PARANDA ROAD, KURDUWADI TAL-MADHA DIST-SOLAPUR PIN-413 208 (MAHARASHTRA)

Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Ajinkya Mohan More		Class and Sem.	B.Sc. I Sem. I
Subject	Physics	Title and Paper No.	Optics (II)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	June	Syllabus Discussion and fundamentals of physics	1		Lecture, Interactive
2	July	Geometrical Optics and aberrations Introduction, Fermat's principle, Deduction of laws of reflection and refraction by Fermat's principle, Chromatic and Spherical aberration, methods to minimize Chromatic and Spherical aberrations. Optical Instruments Introduction, Types of eye-pieces, Gauss eye piece, Ramsden's eye-piece, Huygen's eye-piece, Construction, working and Application of Spectrometer and Optical bench.	18	Group I- 3	Lecture, Interactive, ICT, Problem Solving
3	August	Interference 08 Introduction, Interference in parallel faced thin film (Reflected light only), wedge shaped film, Newton's rings and its applications	8	Group I- 2	Lecture, Interactive, ICT, Problem Solving
4	Sept.	Diffraction 08 Introduction, Types of diffraction, Plane diffraction grating and its elementary theory, its application to determine wavelength, Comparison between prism and grating spectra	8	Group III- 3	Lecture, Interactive, ICT, Problem Solving
5	Oct.	Laser 08 Introduction, Spontaneous and Stimulated emission and absorption, Einstein's Coefficients, Population inversion, Optical Pumping, Cavity resonator, He-Ne and Ruby Laser, Properties and applicatio	08	Group III- 2	Lecture, Interactive, ICT, Problem Solving


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr. Ajinkya Mohan More	Class and Sem.	B.Sc. III Sem. V
Subject Physics	Title and Paper No.	Solid State Physics (X)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	June	Syllabus Discussion and fundamentals of physics	2	0	Lecture, Interactive
2	July	1. Crystallography: 1.1 Lattice and Basic 1.2 Unit cell 1.3 Bravis lattices (2-D, 3-D) 1.4 Inter-planer spacing 1.5 Miller indices 1.6 Packing fraction and co-ordination number for BCC, SC, FCC & HCP structures. Test on the chapter 2. X- ray Diffraction by Crystals: 2.1 Production of X-rays and its properties 2.2 Reciprocal Lattice and its properties	12	Group I- 3	Lecture, Interactive, ICT, Problem Solving
3	Augu	2.3 Bragg's Law in reciprocal lattice 2.4 Powder method of X-ray diffraction for crystal structure, Unit Test on the chapter 3. Free electron Theory: 3.1 Properties of metals 3.2 Free electron model (Drude& Lorentz model) 3.3 Electrical, thermal conductivity of metals and Wiedmann-Franz relation 3.4 Sommerfield's theory 3.5 Fermi-Dirac distribution. 3.6 Fermi energy, degeneracy and non-degeneracy of metals Test on the chapter	12	Group I- 2	Lecture, Interactive, ICT, Problem Solving
4	Sept.	4. Band theory of solids: 4.1 Formation of bands in solids (PE, KE and total energy of electron in isolated atom) 4.2 Formation of energy bands (Valence band, conduction band and forbidden energy gap) 4.3 Motion of electron in one dimensional periodic potential (Kronig Penny model) 4.4 Effective mass of electron 4.5 Difference between metals semiconductors and insulators 4.6 Hall Effect. And its applications. Test on the topic	13	Group III- 3	Lecture, Interactive, ICT, Problem Solving


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		5. Magnetic materials: 5.1 Magnetic Terminology 5.2 Classification of magnetic materials 5.2.1 Dimagnetic material 5.2.2 Paramagnetic material 5.2.3 Ferromagnetic material 5.2.4 Anti-ferromagnetic material 5.2.5 Ferri-magnetic and ferrites 5.3 Energy loss in the hysteresis Internal test			
5	Oct.	6. Superconductivity: 6.1 Superconductor 6.2 Type I and Type II superconductors 6.3 Critical temperature 6.4 Effect of magnetic field 6.5 Meissner effect 6.6 Josephson effect 6.7 Application of superconductor	08	Group III- 2	Lecture, Interactive, ICT, Problem Solving

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Teaching Plan for the Year 2023=2024


Name of the Teacher: Dr. Ajinkya Mohan More		Class and Sem.	B.Sc. III Sem. VI
Subject	Physics	Title and Paper No.	Material Science (XVI)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov.	Syllabus Discussion other informative about physics	2	2 (Projects)	Lecture, Interactive
2	Dec.	Materials and their properties: 1.1 Classification of materials 1.2 Organic, inorganic and biological materials 1.3 Properties of materials 1.3.1 Mechanical properties 1.3.2 Thermal properties 1.3.3 Optical properties 1.3.4 Electrical properties 1.3.5 Magnetic properties: .Polymer materials: 2.1 Polymers 2.2 Polymerization mechanism 2.2.1 Additional polymerization 2.2.2 Condensation polymerization 2.2.3 Homo-polymer 2.2.4 Co-polymer 2.3 Degree of polymerization 2.4 Defects in the polymers 2.5 Mechanical properties of polymers, deformation, reinforced polymers 2.6 Applications of polymers	14	3 (Projects)	Lecture, Interactive, ICT, Problem Solving
3	Jan.	Ceramic Materials: 3.1 Classification of ceramic materials 3.2 Structure of ceramics 3.3 Ceramic possessing 3.4 Properties of Ceramics 3.5 Applications of Ceramics Composite Materials: 4.1 Fabrication of composites 4.2 Mechanical properties of composites 4.3 Particle-Reinforced Composites 4.4 Fiber-Reinforced composites 4.5 Applications of composites	11	3 (Projects)	Lecture, Interactive, ICT, Problem Solving

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
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BHOSARE
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4	Feb.	<p>Biomaterials: 5.1 Bio-Mechanism 5.2 Classification of Biomaterials 5.3 Processing of Biomaterials 5.4 Properties of Biomaterials 5.5 Applications of Biomaterials</p> <p>Nanomaterials: 6.1 Introduction to nano-sized materials and structures 6.2 Brief history of nanomaterials and challenges in nanotechnology 6.3 Significance of nano-size and properties 6.4 Classification of nano structured materials 6.5 Methods of synthesis of nanomaterials 6.5.1 Bottom-up and Top-down approaches</p>	15	<p>Repetition of Practicals Project report writing</p>	<p>Lecture, Interactive, ICT, Problem Solving</p>
5	March	<p>6.5.2 Physical methods: High energy ball milling, Physical vapour deposition, Ionized cluster beam deposition, sputter deposition, Ultrasonic spray pyrolysis etc. 6.5.3 Chemical methods: colloidal method, co-precipitation and sol-gel method 6.5.4 Hybrid method: Electrochemical and chemical vapour deposition.</p>	4	<p>Project Evaluation</p>	<p>Lecture, Interactive, ICT, Problem Solving</p>


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr. Ajinkya Mohan More		Class and Sem.	B.Sc. II Sem. IV
Subject	Physics	Title and Paper No.	Optics (VII)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov	Syllabus Discussion and background of optics	2	0	Lecture, Interactive
2	Dec	Cardinal points: 1.1 Lagrange's equation 1.2 Cardinal points of optical system 1.3 Graphical construction of image using cardinal points & Newton's formula 1.4 Relation between focal lengths for any optical system 1.5 Relations between lateral, axial and angular magnifications 1.6 Thick lens (introduction) 1.7 combination of two thin lenses Interference of light: 2.1 Michelson's interferometer 2.2 Applications of Michelson's interferometer to measure i) wavelength of light ii) Difference in wavelengths and iii) Refractive index of thin film 2.3 An Etalon (Introduction Only) 2.4 Construction and working of Fabry Perot interferometer 2.5 Superiority of F.P. interferometer over Michelson's interferometer	15	Group I- 3	Lecture, Interactive, ICT, Problem Solving
3	Jan	Diffraction of light & resolving power: 3.1 Fresnel's half period zones 3.2 Explanation of rectilinear propagation of light 3.3 Zone plate 3.4 Fresnel's diffraction at straight edge 3.5 Geometrical and spectral resolution 3.6 Distinction between magnification and resolution 3.7 Rayleigh's criterion for the limit of resolution and modified Rayleigh's criteria 3.8 Modified Rayleigh's criterion 3.9 R.P. of plane diffraction grating 4.0 R. P. of prism.	14	Group I- 2	Lecture, Interactive, ICT, Problem Solving

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4	Feb.	Polarization: 4.1 Concept of Polarization 4.2 Double refraction and 4.3 Huygen's explanation of double refraction through uni-axial crystals 4.4 Nicol's prism, 4.4 optical rotation 4.5 Optical Activity and Specific Rotation 4.6 Laws of rotation and plane of polarization 4.7 Polaroid and their Use to Polarization 4.8 Applications a) Polarimeter b) Liquid crystal Displays (LCDs)	10	Group III- 3	Lecture, Interactive, ICT, Problem Solving
5	March	Optical Fibers: 5.1 Structure of fibers 5.2 Types of optical fiber 5.3 Numerical aperture 5.4 Pulse dispersion in step index fiber 5.5 Fiber optic communication system 5.6 Advantages of optical fiber	04	Group III- 2	Lecture, Interactive, ICT, Problem Solving


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Teaching Plan for the Year 2023-2024


Name of the Teacher: Dr. Ajinkya Mohan More		Class and Sem.	B.Sc. III Sem. IV
Subject	Physics	Title and Paper No.	Modern Physics (VIII)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov.	Syllabus Discussion other information about Modern physics	2	Group I- 2	Lecture, Interactive
2	Dec.	Theory of relativity: 1.1 Inertial frame of reference 1.2 Galilean transformation 1.3 Invariance of laws of mechanics under Galilean transformation 1.4 Ether hypothesis 1.5 Michelson-Morley experiment 1.6 Einstein's postulates of the special theory of relativity 1.7 Lorentz transformation 1.8 Variation of length with velocity 1.9 Variation of time with velocity 1.10 Velocity addition theorem 1.11 Variation of mass with velocity 1.12 Mass energy relation 1.13 Twin paradox Matter waves: 2.1 De Broglie's hypothesis of matter waves 2.2 De Broglie's wavelength 2.3 Particle velocity, group velocity, phase velocity & their interrelationship 2.4 Properties of matter waves 2.5 Bohr's quantum condition on the basis of matter wave hypothesis 2.6 Heisenberg's uncertainty principle and its illustrations	20	Group I- 3	Lecture, Interactive, ICT, Problem Solving
3	Jan.	Vector Atom model: 3.1 Space quantization 3.2 Spin hypothesis 3.3 Stern-Gerlach experiment 3.4 Quantum numbers associated with vector atom model 3.5 Pauli's exclusion principle 3.6 Spin orbit coupling 3.7 Hund's rule 11 3.8 Total angular momentum 3.9 L-S coupling 3.10 j-j coupling 3.11 Zeeman effect 3.12 Normal and anomalous Zeeman	13	Group III- 2	Lecture, Interactive, ICT, Problem Solving

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		effect 3.13 Debye's explanation of normal Zeeman effect			
4	Feb.	Compton effect: 4.1 Compton Effect 4.2 Expression for change in wavelength for scattered photon 4.3 Experimental verification of Compton effect	5	Repetition of Practices	Lecture, Interactive, ICT, Problem Solving
5	March	Nuclear Energy sources: [4 hr] 5.1 Neutron induced nuclear reaction 5.2 Nuclear fission 5.3 Energy released in fission 5.4 Chain reaction (Atomic Bomb) 5.5 Nuclear reactor 5.6 Atomic energy in India	7	Repetition of Practices	


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Teaching Plan for the Year 2023-24

Sem-1


(13-07-23 to 30-11-2023)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. I Sem. I
Subject	English (C)	Title and Paper No.	Literary Voyage (Compulsory)


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Syllabus Discussion Unit 1 Prose: 1. The Birth of Khadi by M. K. Gandhi 2. The portrait of a Lady by Kushvant Singh	15	0	Lecture, Interactive and ICT
2	Sept	Unit. 2 Poetry 1. Let me not Pray to be Sheltered from Dangers by R. Tagore 2. The Lotus by Toru Dutt 3. The Toys by Coventry Patmore	15	0	Lecture, Interactive and ICT
3	Oct.	Unit. 4 Communication and Other Skills I 1. What is Communication 2. Communicating Effectively II 1. Intrapersonal Skills	15	0	Lecture, Interactive and ICT
4	Nov.	Unit. 3 Grammar 1. Word Formation (Prefixes and Suffixes) 2. Parts of Speech	15	0	Lecture, Interactive and ICT



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Teaching Plan for the Year 2023-24
Sem II
(14-12-23 to 30-04-2024)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. I Sem. II
Subject	English (C)	Title and Paper No.	Literary Voyage (Compulsory)


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion Unit 1 Prose: 1. Does Education Do Harm? By B. Russell 2. The Spirit of Freedom by R. Tagore	10	0	Lecture, Interactive and ICT
2	Jan.	Unit. 2 Poetry 1. Our Earth will not Die by Niyi Osundare 2. Ode on Solitude by Alexander Pope 3. Remember by Christina Rossetti	15	0	Lecture, Interactive and ICT
3	Feb.	Unit 3. Grammar 1. Synonyms and Antonyms 2. Tenses	15	0	Lecture, Interactive and ICT
4	March	Unit. 4 Communication and Other Skills (II) Letter Writing (Formal/ Informal) (III) Soft Skills- Interpersonal Intelligence	15	0	Lecture, Interactive and ICT
5.	April	Revision	05	0	Lecture, Interactive and ICT



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Teaching Plan for the Year 2023-24
Sem. III
(13-07-23 to 30-11-2023)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. II Sem. III
Subject	English (Opt.)	Title and Paper No.	British Literature (III)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	-	-	-	-
2	Sept.	Syllabus Discussion General Topics: Characteristic features of Comedy of Manners	05	0	Lecture, Interactive, ICT and Screening movie of the Text
3	Oct.	Drama: Oliver Goldsmith: She Stoops to Conquer Literary Terms: • Canon of Literature • Flat and Round Characters • Biography and Autobiography • Confidant	15	0	Lecture, Interactive, ICT and Screening movie of the Text
4	Nov.	Poems: 1. To His Coy Mistress - Andrew Marvell 2. Soldier - Rupert Brooke 3. No Second Troy - William Butler Yeats 4. Under the Greenwood Tree - William Shakespeare 5. Dover Beach - Matthew Arnold 6. Ode on a Grecian Urn - John Keats Literary Terms: • Novel and Novella • Heroic Couplet. • Paradox • Pastoral • Poetic Justice • Poetic Diction	15	0	Lecture, Interactive and ICT



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 Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)


Teaching Plan for the Year 2023-24

Sem. IV

(14-12-23 to 30-04-2024)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. II Sem. IV
Subject	English (Opt.)	Title and Paper No.	Introduction to Language (V)


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion 1. Human Language and Animal Communication System. 1.1 Definitions of Language. 1.2 Characteristic features of human Language. 1.3 Animal Communication System. 1.4 Difference between Human Language and Animal Communication System	10	0	Lecture, Interactive, ICT, Problem Solving
2	Jan	2. Phonetics and Phonology 2.1 Phonetics and Phonology 2.2 Types of Phonetics- Articulatory, Auditory and Acoustic. 2.3 Articulatory Phonetics 2.4 Initiation, Phonation and Articulation. 2.5 Air Stream Mechanism/Speech mechanism 2.6 Organs of Speech 2.7 Phonemes	15	0	Lecture, Interactive, ICT, Problem Solving
3	Feb	2. Phonetics and Phonology 2.8 Consonants 2.9 Vowels 2.10 Description of Speech Sounds(Three Term Labels) 2.11 Word Stress/accent 2.12 Phonemic Transcription. 2.13 Weak Forms 2.14 Intonation.	15	0	Lecture, Interactive, ICT, Problem Solving,
4	March	3. Morphology 3.1 Definition of morphology 3.2 Types of Morphemes- free and Bound morphemes. 3.3 Affixes and its Types—Prefixes and Suffixes 3.4 Morphological/ Word Formation processes in English—Major and Minor 3.5 Labelled Morphological analysis.	15	0	Lecture, Interactive, ICT, Problem Solving
5.	April	Revision	05		Lecture, Interactive, ICT, Problem Solving



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Teaching Plan for the Year 2023-24
Sem. V
 (13-07-23 to 30-11-2023)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. III Sem. V
Subject	English	Title and Paper No.	Introduction to Literary Criticism (VII)


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	-	-	-	-
2	Sept.	Syllabus Discussion Unit no: 1. Literary Criticism: Definitions/Meaning, Nature, Function, Qualifications of a good literary critic	15 (5)	0	Lecture, Interactive and ICT
3	Oct.	Unit 2. Classical Criticism Aristotle: Theory of Imitation Unit 3. Neoclassical Literary Criticism Samuel Johnson's 'Preface to Shakespeare'	15 (5)	0	Lecture, Interactive and ICT
4	Nov.	Unit 4. Types of Criticism Comparative, Expressive, Feminist, Historical, Social, Textual, and Theoretical	15 (5)	0	Lecture, Interactive and ICT



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
Teaching Plan for the Year 2023-24
Sem. VI
 (14-12-23 to 30-04-2024)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. III Sem. VI
Subject	English	Title and Paper No.	Introduction to Literary Criticism (XII)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion Unit 1. Critical Approaches to Literature I. Biographical Approach to Literature. II. Psychological Approach to Literature. III. Sociological Approach to Literature	10	0	Lecture, Interactive and ICT
2	Jan	Unit 2. Romantic Criticism William Wordsworth's 'Preface to Lyrical Ballads' (1802)	15	0	Lecture, Interactive and ICT
3	Feb	Unit 3. Twentieth Century Criticism T. S. Eliot's 'The Function of Criticism'	15	0	Lecture, Interactive and ICT
4	March	Unit 4. Literary Devices/Terms Theme, Tone, Mood, Imagery, Symbols, Alliteration, Onomatopoeia, Repetition, Rhyme, Antithesis, Hyperbole, Pun, Metonymy, Climax, Anticlimax, Conceit	15	0	Lecture, Interactive and ICT
5	April	Revision	05	0	Lecture, Interactive and ICT


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Teaching Plan for the Year 2023-24
Sem. V
 (13-07-23 to 30-11-2023)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. III Sem. V
Subject	English	Title and Paper No.	Literatures in English (X)


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	-	-	-	-
2	Sept.	II) Novel Leo Tolstoy: <i>War and Peace</i>	15 (5)	0	Lecture, Interactive and ICT (Screening of Movie)
3	Oct.	III) Drama Tennessee Williams: <i>The Streetcar Named Desire</i>	15 (5)	0	Lecture, Interactive and ICT (Screening of Movie)
4	Nov.	I) General Topics: 1. Characteristic Features of the Russian Literature with reference to the Novel prescribed 2. Characteristic Features of the 20 th Century Dramas with reference to the work prescribed. IV) Poems: 1. Pablo Neruda: <i>If You Forget Me.</i> 2. Amrita Pritam: <i>The Will</i> 3. Louise Gluck: <i>The Wild Iris</i> 4. Max Ehrmann: <i>Desiderata</i> 5. Czeslaw Milosz: <i>Account</i> 6. Edgar Allen Poe: <i>A Dream within a Dream</i> 7. Li Po: <i>Drinking Alone in the Moonlight</i>	15 (5)	0	Lecture, Interactive and ICT


 Sachin V. Londhe

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Teaching Plan for the Year 2023-24
Sem. VI
 (14-12-23 to 30-04-2024)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. A. III Sem. VI
Subject	English	Title and Paper No.	Literatures in English (XV)


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion I) Survey Topics: 1. Characteristic Features of Afro-American drama 2. A Psychological Thriller	10	0	Lecture, Interactive and ICT
2	Jan	II) Novel Paula Hawkins: <i>The Girl on the Train</i>	15	0	Lecture, Interactive and ICT
3	Feb.	III) Drama: Lorraine Hansberry: <i>A Raisin in the Sun</i>	15	0	Lecture, Interactive and ICT
4	March	IV) Short Story: 1. William Somerset Maugham: <i>The Luncheon</i> 2. Guy de Maupassant: <i>The Necklace</i> 3. Sudha Murthy: <i>How I Taught My Grandmother to Read</i> 4. Franz Kafka: <i>Wedding Preparation in the Country</i> 5. Maxim Gorky: <i>Twenty-Six Men and a Girl</i>	15	0	Lecture, Interactive and ICT
5	April	Revision	05	0	Lecture, Interactive and ICT



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Teaching Plan for the Year 2023-24
Sem. V
(13-07-23 to 30-11-2023)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. Sc. III Sem. V
Subject	English (C)	Title and Paper No.	Literary Landscapes- I (English Comp.)


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	-	-	-	-
2	Sept.	Poetry 1. The Solitary Reaper by Wordsworth 2. The Queen's Rival by Naidu 3. The Village Schoolmaster by Goldsmith	15 (5)	0	Lecture, Interactive and ICT
3	Oct.	Prose 1. The Road Not Taken by Frost 1. The Gift of the Magi by Henry 2. The Homecoming by Tagore Grammar: 1. Active and Passive Life 2. Phrasal Verbs	15 (5)	0	Lecture, Interactive and ICT
4	Nov.	1. 21 st Century Skills 2. Types of 21 st Century Skills 3. Learning Skills (The 4 C's)	15 (5)	0	Lecture, Interactive and ICT



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Teaching Plan for the Year 2023-24
Sem. VI
(14-12-23 to 30-04-2024)

Name of the Teacher: Dr. Sachin Vaman Londhe		Class and Sem.	B. Sc. III Sem. VI
Subject	English (C)	Title and Paper No.	Literary Landscapes- II (English Comp.)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion 1. Growing Up by Cary 2. God Sees the Truth but Waits	10	0	Lecture, Interactive and ICT
2	Jan.	1. Sita by T. Dutt 2. My Last Duchess by Browning 3. Ode to Beauty by Keats	15	0	Lecture, Interactive and ICT
3	Feb.	1. Life by Bronte 2. Adverbials 3. Direct and Indirect Speech	15	0	Lecture, Interactive and ICT
4	March	1. Literacy Skills (IMT) 2. Life Skills (FLIPS) 3. Other Important Skills	15	0	Lecture, Interactive and ICT
5	April	Revision	05		Lecture, Interactive and ICT




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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. III Sem. V
Subject	English	Title and Paper No. XI	Introduction to the Structure and Function of Modern English

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Syllabus Discussion Unit 1: Words Open and Closed Word Classes Analysis of Open and Closed Word Classes	15	0	Lecture, Interactive, ICT Problem Solving
2	Sept.	Unit 2: Phrases Main and Subordinate Phrase Classes of Phrase Analysis of Phrases	15	0	Lecture, Interactive, ICT Problem Solving
3	Oct.	Unit 3: Clauses Elements of Clause Classification of Clauses Subordinate Clauses Finite and Non-Finite Subordinate Clause Types of Main Clause Active and Passive Clause	15	0	Lecture, Interactive, ICT Problem Solving
4	Nov.	Unit 4: Communicative Concepts Statements, Questions and Responses Denial and Affirmation Agreement and Disagreement Degrees of Likelihood	15	0	Lecture, Interactive, ICT Problem Solving


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. III Sem. VI
Subject	English	Title and Paper No. XVI	Introduction to the Structure and Function of Modern English

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	March	Syllabus Discussion Unit 1: Subordination and Coordination Classification of Subordinate Clause Direct and Indirect Subordination Coordination	15	0	Lecture, Interactive, ICT Problem Solving
2	April	Unit 2: Basic and Derived Structures Missing Elements Split Constituents Double Analysis Style and Structure of Changing Rules	15	0	Lecture, Interactive, ICT Problem Solving
3	May	Unit 3: Discourse Analysis Mode: Speech and Writing Tenor: Tenor and Discourse Domain: Domain and Discourse	15	0	Lecture, Interactive, ICT Problem Solving
4	June	Unit 4: Describing Emotions Friendly Communications Permission and Obligation Influencing People	15	0	Lecture, Interactive, ICT Problem Solving


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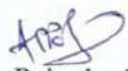
Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. A. P. Pol		Class and Sem.	B. A. III Sem. V
Subject	English (C)	Title and Paper No.	Literary Landscapes- I (English Comp.)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theor y	Practical	
1	August	Syllabus Discussion 1. The Gift of the Magi by Henry 2. The Homecoming by Tagore	15	0	Lecture, Interactive, ICT
2	Sept.	1. The Solitary Reaper by Wordsworth 2. The Queen's Rival by Naidu 3. The Village Schoolmaster by Goldsmith	15	0	Lecture, Interactive, ICT
3	Oct.	1. The Road Not Taken by Frost 2. Active and Passive Life 3. Phrasal Verbs	15	0	Lecture, Interactive, ICT,
4	Nov.	1. 21 st Century Skills 2. Types of 21 st Century Skills 3. Learning Skills (The 4 C's)	15	0	Lecture, Interactive, ICT,


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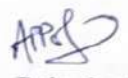
Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr. A. P. Pol		Class and Sem.	B. A. III Sem. VI
Subject	English (C)	Title and Paper No.	Literary Landscapes- II (English Comp.)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	March	Syllabus Discussion 1. Growing Up by Cary 2. God Sees the Truth but Waits	15	0	Lecture, Interactive
2	April	1. Sita by T. Dutta 2. My Last Duchess by Browning 3. Ode to Beauty by Keats	15	0	Lecture, Interactive, ICT
3	May	1. Life by Bronte 2. Adverbials 3. Direct and Indirect Speech	15	0	Lecture, Interactive, ICT
4	June	1. Literacy Skills (IMT) 2. Life Skills (FLIPS) 3. Other Important Skills	15	0	Lecture, Interactive, ICT


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Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. II Sem. III
Subject	English (Opt.)	Title and Paper No. IV	Indian Writing in English

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Syllabus Discussion General Topics: Characteristic features of Post-independence Indian Drama	15	0	Lecture, Interactive, ICT,
2	Sept.	Drama: Mahesh Dattani: Bravely Fought the Queen	15	0	Lecture, Interactive, ICT,
3	Oct.	Drama: Mahesh Dattani: Bravely Fought the Queen	15	0	Lecture, Interactive, ICT,
4	Nov.	Poems: 1. The Bus- Arun Kolhatkar 2. A Hot Noon in Malabar- Kamala Das 3. Round and Round – Vikram Seth 4. Another Woman – Imtiaz Dharker 5. Postcard from Kashmir – Agha Shahid Ali	15	0	Lecture, Interactive, ICT,


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Teaching Plan for the Year 2022-23

Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. II Sem. IV
Subject	English (Opt.)	Title and Paper No. VI	Indian Writing in English

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	March	Syllabus Discussion General Topics: Salient Features of Post-Independence Indian English Novel	15	0	Lecture, Interactive, ICT,
2	April	Novel: That Long Silence: Shashi Deshpande	15	0	Lecture, Interactive, ICT,
3	May	Novel: That Long Silence: Shashi Deshpande	15	0	Lecture, Interactive, ICT,
4	June	Poems: 1.On Killing A Tree- Gieve Patel 2.The Purdah Nashin- Sarojini Naidu 3.Philosophy- Nissin Ezekiel 4.Obitury-A.K. Ramanujan 5.Pilgrimage- Shiv K. Kumar	15	0	Lecture, Interactive, ICT,


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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. I Sem. I
Subject	English	Title and Paper No. I	Introduction to Literature (Optional)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion Unit 1: General Topics 1.Elements of Short Story	15	0	Lecture, Interactive, ICT,
2	August	Unit 2: Poems 1. Because I Could not Stop for Death 2. Tyger 3. Stopping by Woods on a Snowy Evening 4. Richard Cory	15	0	Lecture, Interactive, ICT,
3	Sept	Unit 3: Short Stories 1. How much Land Does a Man Need? 2. The Last Leaf	10 05	0	Lecture, Interactive, ICT,
4	Oct.	Unit 3: Short Stories 2. The Last Leaf 3. Idgah Revision	05 10	0	Lecture, Interactive, ICT,


Teacher


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Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. I Sem. II
Subject	English	Title and Paper No. II	Introduction to Literature (Optional)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion Unit 1: General Topics 1. Elements of One Act Play	15	0	Lecture, Interactive
2	Jan	Unit. 2 One Act Play 1. The Boor 2. The Beggar and the King	15	0	Lecture, Interactive, ICT, Screening of the movie of the text
3	Feb	Unit. 2 One Act Play 2. The Beggar and the King 3. The Miracle Merchant	05 10	0	Lecture, Interactive, ICT
4	March	Unit. 3 Literary Terms Simile, Metaphor, Imagery, Personification, Contrast, Allegory, Narrative Technique, Symbolism, Soliloquy, Monologue, Aside, Setting Revision	15 02	0	Lecture, Interactive, ICT,


Teacher



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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. III Sem. V
Subject	English	Title and Paper No. IX	Indian English Literature

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theor y	Practical	
1	August	Syllabus Discussion Unit 1: General Topics Salient Features of Modern Indian English Poetry Salient Features of Modern Indian English Drama	15	0	Lecture, Interactive, ICT
2	Sept.	Unit 2: Poems Nissim Ezekiel - Poet, Lover, Bird-watcher Arun Kolhatkar - Between Jejuri and Railway Station Shiv K Kumar - Letter from New-York Jyanta Mahapatra - Dawn at Puri A. K. Mehrotra - Letter to a Friend	15	0	Lecture, Interactive, ICT
3	Oct.	Unit 3: Drama Mahesh Elkunchwar - Garbo	15	0	Lecture, Interactive, ICT
4	Nov.	Unit 4: Novel Arun Joshi - The Foreigner	15	0	Lecture, Interactive, ICT


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Teaching Plan for the Year 2023-2024


Name of the Teacher: Dr. Anupama Prakash Pol		Class and Sem.	B. A. III Sem. VI
Subject	English	Title and Paper No. XIV	Indian English Literature

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	March	Syllabus Discussion Unit 1: General Topics Salient Features of Post-Modern Indian English Poetry Salient Features of Post-Modern Indian English Novel	15	0	Lecture, Interactive
2	April	Unit 2: Poems A.K. Ramanujan - Looking for a Cousin on a Swing Dilip Chitre - Felling of Bunyan Tree Eunice De Souza - Feeding the Poor at Christmas Manohar Shetty - Animal Planet Mamta Kalia - Tribute to Papa	15	0	Lecture, Interactive, ICT,
3	May	Unit 3: Drama Girish Karnad - Nagamandala	15	0	Lecture, Interactive, ICT,
4	June	Unit 4: Jhumpa Lahiri - The Namesake	15	0	Lecture, Interactive, ICT,


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Teaching Plan for the Year 2022-23

Name of the Teacher: Mr. Dhope Kuber Tukaram		Class and Sem.	B.A. III Sem. V
Subject	English	Title of the Paper	British Literature Paper No. VIII

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Syllabus Discussion Survey Topics 1. Characteristics of Elizabethan Stage 2. Romance and Fantasy in English Novels	15	0	Lecture, Interactive, ICT,
2	Sept	Poems 1. Edmund Spenser: Ice and Fire 2. John Donne: Lovers' Infiniteness 3. William Shakespeare: True Love 4. John Milton: When I Consider How my Light is Spent 5. George Herbert: The Flower	15	0	Lecture, Interactive, ICT,
3	Oct.	Drama William Shakespeare: Antony and Cleopatra	15	0	Lecture, Interactive, ICT,
4	Nov.	Novel Thomas Hardy: Two on a Tower Revision	15	0	Lecture, Interactive, ICT,

Dhope
Teacher

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Teaching Plan for the Year 2022-23

Name of the Teacher: Mr.Dhope Kuber Tukaram		Class and Sem.	B.A. III Sem. VI
Subject	English	Title of the Paper	British Literature Paper No. XIII

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec	Syllabus Discussion Survey Topics 1. Victorian Poetry 2. Victorian Women Writers	08	0	Lecture, Interactive
2	Jan	Poems 1. Robert Browning: Meeting at Night 2. Tennyson: Come into the Garden, Maud 3. Matthew Arnold: Shakespeare 4. C.G. Rossetti: A Christmas Carol 5. G.M. Hopkins: Spring	15	0	Lecture, Interactive, ICT,
	Feb	Drama John Osborne: Look Back in Anger	15	0	Lecture, Interactive, ICT
4	March	Novel Charlotte Bronte: The Professor Revision	15	0	Lecture, Interactive, ICT,
5	April		07		

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DEPARTMENT OF HISTORY
TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Pantulwar R.G		Class and Sem.	B. A.- I, Sem.- I
Subject	History	Title and Paper No.- I	Rise of Maratha Power {1630 A.D. To 1707 A.D.} w.e.f. June 2022

Sr. No	Month	Name of the topic/sub topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July 2023	Syllabus Discussion	4	0	Lecture, Interactive
2	August 2023	Unit 1: Rise of Maratha Power a) Background – Political, Social, Economic and Religious b) Role of Shahaji Raje c) Role of Jijabai and early activities of Chhatrapati Shivaji Maharaj	16	0	Lecture, Interactive, ICT,
3	Sept, 2023	Unit. 2 Chhatrapati Shivaji Maharaj and Adilshahi relations a) Conflict with Javali's More b) Conflict with Afzalkhan c) Siege of Panhala	14	0	Lecture, Interactive, ICT,
4	Oct, 2023	Unit. 3 Chhatrapati Shivaji Maharaj and Mughal relation a) Campaign of Shahistekhan b) Surat Expeditions c) Mirza Raja Jaysing's Expedition d) Visit to Agra	16	0	Lecture, Interactive, ICT,
5	Nov, 2023	Unit. 4 Chhatrapati Shivaji Maharaja's Coronation a) Chhatrapati Shivaji Maharaja's First Coronation b) Chhatrapati Shivaji Maharaja's Second Coronation c) Karnataka Expedition	14	0	Lecture, Interactive, ICT

R.G. Pantulwar
Teacher

(Dr. Pantulwar, R.G)

R.G. Pantulwar
Head

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Ranjit
Principal

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DEPARTMENT OF HISTORY
TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Pantulwar R.G.		Class and Sem.	B. A. -I , Sem.- II
Subject	History	Title and Paper No.- II	Rise of Maratha Power {1630 A.D. To 1707 A.D.} w.e.f. June 2022

Sr. No.	Month	Name of the topic/sub topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec, 2023	Syllabus Discussion	4	0	Lecture, Interactive
2	Jan, 2024	Unit 1 – Chhatrapati Sambhaji Maharaj a) Early Life b) Conflict with Portuguese and Siddi c) Conflict with Mughal Unit	15	0	Lecture, Interactive, ICT,
3	Feb, 2024	Unit. 2 Maratha's War of Independence a) Work of Chhatrapati Rajaram Maharaj b) Work of Maharani Tarabai c) Work of Santaji Ghorpade and Dhanaji Jadhav 1. Synonyms and Antonyms 2. Tenses	15	0	Lecture, Interactive, ICT,
4	March, 2024	Unit 3. Civil Administration a) Central Administration b) Provincial Administration c) Village Administration	15	0	Lecture, Interactive, ICT,
5	April, 2024	Unit. 4 Military and Judicial System a) Nature and Features of Military b) Fort Administration c) Judicial System	15	0	Lecture, Interactive, ICT,

(Signature)
Teacher

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DEPARTMENT OF HISTORY
Teaching Plan for the Year 2022-23

Name of the Teacher: Prof. Pantulwar R. G.		Class and Sem.	B. A. II Sem. III
Subject	History	Title and Paper No. - IDS	History of Social Reforms in Maharashtra (1818 – 1970 A.D.) w.e.f. June 2020

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2022	Syllabus Discussion	1	0	Lecture, Interactive
2	August, 2022	Unit-I Maharashtra in the early 19th century A) Social condition B) Religious condition C) Economic condition	15	0	Lecture, Interactive, ICT,
3	Sept, 2022	Unit-II Early Reforms in British Period A) Administration B) Education C) Press	15	0	Lecture, Interactive, ICT,
4	Oct, 2022	Unit-III Early Reformers A) Jagannath Shankar Sheth	07	0	Lecture, Interactive, ICT,
5	Nov, 2022	Unit-III Early Reformers B) Gopal Hari Deshmukh C) Bhau Daji Lad	07	0	Lecture, Interactive, ICT,
6	Dec, 2022	Unit-IV Life and Work of Mahatma Jotiba Phule A) Work for education and women B) Work for untouchable and peasant C) Satyashodhak Samaj and Literature	16	0	Lecture, Interactive, ICT,

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DEPARTMENT OF HISTORY
Teaching Plan for the Year 2022-23

Name of the Teacher: Prof. Pantulwar R. G.		Class and Sem.	B. A. II Sem. IV
Subject	History	Title and Paper No. - IDS	History of Social Reforms in Maharashtra (1818 – 1970 A.D.) w.e.f. June 2020


Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Jan to Feb 2023	Examination Sem-III	0	0	Lecture, Interactive
2	March 2023	Unit-I Life and Work of Rajarshi Chhatrapati Shahu Maharaj A) Educational work B) Social and Religious work C) Economic and Political work.	16	0	Lecture, Interactive, ICT,
3	April, 2023	Unit-II Social Reformers A) Maharshi Vitthal Ramji Shinde B) Karmaveer Bhaurao Patil	14	0	Lecture, Interactive, ICT,
4	May, 2023	Unit-III Women Reformers A) Savitribai Phule B) Pandita Ramabai	14	0	Lecture, Interactive, ICT,
5	June, 2023	Unit-IV Life and Work of Dr. Babasaheb Ambedkar A) Social and Religious work B) Educational work C) Political work and literature	16	0	Lecture, Interactive, ICT,


Teacher

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Department of History
Teaching Plan for the Year 2022-23

Name of the Teacher: Prof. Pantulwar R. G.		Class and Sem.	B. A. II Sem. III
Subject	History	Title and Paper No. - III	History Modern Europe (1750 – 1871 A.D.) w.e.f. June 2020

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2022	Syllabus Discussion	2	0	Lecture, Interactive
2	August, 2022	Unit-I Industrial Revolution A) Causes B) Course C) Effects	14	0	Lecture, Interactive, ICT,
3	Sept, 2022	Unit-II French Revolution, 1789 A) Causes B) Course C) Effects	15	0	Lecture, Interactive, ICT,
4	Oct, 2022	Unit-III Napoleon Bonaparte A) Rise of Napoleon Bonaparte	8	0	Lecture, Interactive, ICT,
5	Nov, 2022	Unit-III Napoleon Bonaparte B) Napoleon's Reforms C) Conquests, Continued policy and Downfall	7	0	Lecture, Interactive, ICT
5	Dec, 2022	Unit-IV Age of Metternich A) Vienna Congress, 1815 B) Life and work of Metternich C) Concert of Europe	15	0	Lecture, Interactive, ICT,

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Department of History
Teaching Plan for the Year 2022-23

Name of the Teacher: Prof. Pantulwar R. G.		Class and Sem.	B. A. II Sem. IV
Subject	History	Title and Paper No. -IV	History Modern Europe (1750 – 1871 A.D.) w.e.f. June 2020

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Jan to Feb 2023	Examination Sem- III	0	0	—
2	March 2023	Unit-I Revolutionary Movements A) French Revolution, 1830 A.D. B) France between 1830 –1848 A.D. C) French Revolution, 1848 A.D.	16	0	Lecture, Interactive, ICT,
3	April, 2023	Unit-II Napoleon III A) Internal Policy B) External policy C) Evaluation of Napoleon III	14	0	Lecture, Interactive, ICT,
4	May, 2023	Unit-III Unification Movements A) Unification of Italy B) Unification of Germany	15	0	Lecture, Interactive, ICT,
5	June, 2023	Unit-IV Modern Concepts A) Imperialism B) Nationalism C) Socialism	15	0	Lecture, Interactive, ICT,


 Teacher
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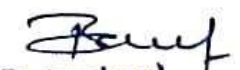
Department of History
Teaching Plan for the Year- 2022-23

Name of the Teacher: Mr. Shejul Bappasaheb Ramling		Class and Sem.	B. A. II Sem. III
Subject	History	Title and Paper No. IV	History of Indian Freedom Movement (1857 - 1950 A.D.)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2022	Syllabus Discussion	2	0	Lecture, Interactive
2	August, 2022	Unit-I Revolt of 1857 A) Background and causes B) Course and failure C) Effects	16	0	Lecture, Interactive, ICT,
3	Sept, 2022	Unit-II Socio – Religious Movements A) BrahmoSamaj B) AryaSamaj C) SatyashodhakSamaj	14	0	Lecture, Interactive, ICT,
4	Oct, 2022	Unit-III Indian Nationalism A) Rise and Development of Nationalism	07	0	Lecture, Interactive, ICT,
5	Nov. 2022	Indian Nationalism B) Foundation of Indian National Congress C) Work of Moderates	07	0	Lecture, Interactive, ICT
6	Dec, 2022	Unit-IV Era of Extremist and Lokmanya Tilak A) Rise of Extremist B) Partition of Bengal and Swadeshi Movement C) Home Rule Movement	16	0	Lecture, Interactive, ICT,


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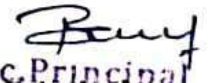
Department of History
Teaching Plan for the Year- 2022-23

Name of the Teacher: Mr. Shejul Bappasaheb Ramling.		Class and Sem.	B. A. II Sem. IV
Subject	History	Title and Paper No.-IV	History of Indian Freedom Movement (1857 - 1950 A.D.)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Jan to Feb 2023	Examination Sem- III	0	0	----
2	March 2023	Unit-I Contribution of Revolutionaries A) Bengal B) Maharashtra C) Punjab	14	0	Lecture, Interactive, ICT,
3	April, 2023	Unit-II Gandhian Era A) Non Co – operation Movement B) Civil Disobedience Movement C) Quit India Movement	16	0	Lecture, Interactive, ICT,
4	May, 2023	Unit-III Constitutional Development and Indian National Army A) Morley–Minto Act, 1909 and Montford Act, 1919 B) Government of India Act, 1935 B) Subhashchandra Bose and Indian National Army	15	0	Lecture, Interactive, ICT,
5	June, 2023	Unit-IV Independence and Partition A) Negotiations for independence and partition B) Indian Independence Act, 1947 C) Indian constitution : Salient features	15	0	Lecture, Interactive, ICT,


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Department of History
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr. R. G. Pantulwar		Class and Sem.	BA-. III Sem. V
Subject	History	Title and Paper No.	History of Ancient India (Pre-Historic Age to 650 A.D.)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2023	Syllabus Discussion	2	0	Lecture, Interactive
2	August, 2023	Unit – I Sources of Ancient Indian History. A) Archaeological Sources. B) Literary Sources C) Importance of Sources	16	0	Lecture, Interactive, ICT,
3	Sept, 2023	Unit – II Pre-Historic Age A) Paleolithic. B) Mesolithic. C) Neolithic.	14	0	Lecture, Interactive, ICT,
4	Oct, 2023	Unit – III Indus Valley Civilization A) Discovery and Town Planning. B) Social, Religious and Economic Conditions. C) Decline of Indus Civilization.	8	0	Lecture, Interactive, ICT,
6	Nov, 2023	Unit – IV Vedic Period A) Origin of Aryans. B) Political Condition. C) Social and Religious Condition	14	0	Lecture, Interactive, ICT,

R.G. Pantulwar
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Department of History
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr. R. G. Pantulwar		Class and Sem.	BA-, III Sem. VI
Subject	History	Title and Paper No. XII	History of Ancient India (Pre-Historic Age to 650 A.D.)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec, 2023	Syllabus Discussion	0	0	Lecture, Interactive
2	January 2024	Unit - I India During 6th B.C. A) Rise of Magadha Empire and sixteen Mahajanpadas B) Jainism : life and Work of Vardhaman Mahavir C) Buddhism : Life and Work of Gutam Buddha	16	0	Lecture, Interactive, ICT,
3	Feb, 2024	Unit - II Mauryan Empire A) Contribution of Chandragupta Maurya B) Ashoka and his Dhamma C) Mauryan Administration	15	0	Lecture, Interactive, ICT,
4	March, 2024	Unit - III Age of the Satvahanas and Guptas A) Rise and Expansion of Satvahanas B) Rise and Expansion of Guptas C) Social, Economic and cultural condition of Gupta Period	15	0	Lecture, Interactive, ICT,
5	April, 2024	Unit - IV Vardhan Dynasty and Vakataka Empire A) Rise of vardhan Dynasty B) Contribution of Harshavardhan C) Contribution of vakataka	14	0	Lecture, Interactive, ICT,

R.G. Pantulwar
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Dr. Pantulwar R.G.

R.G. Pantulwar
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Head, Department of History
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DEPARTMENT OF HISTORY
TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Dr. R. G. Pantulwar		Class and Sem.	BA-. III Sem.- V
Subject	History	Title and Paper No.- XII	Historical Sources, Research and Places

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July, 2023	Syllabus Discussion	2	0	Lecture, Interactive
2	August, 2023	Unit – I Nature and Scope of History A) Meaning and Definition B) Nature and Scope of History C) Kinds of History	16	0	Lecture, Interactive, ICT,
3	Sept, 2023	Unit – II Sources A) Importance of sources B) Types of sources C) Evaluation of sources	14	0	Lecture, Interactive, ICT,
4	Oct, 2023	Unit – III III Research Process A) Auxiliary sciences B) Importance of Research C) Steps of Research Process	16	0	Lecture, Interactive, ICT,
5	Nov, 2023	Unit – IV History Writing Process A) Footnotes B) Dating and Index C) Bibliography	14	0	Lecture, Interactive, ICT,


Teacher

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DEPARTMENT OF HISTORY
TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. R. G. Pantulwar		Class and Sem.	BA-. III Sem.- VI
Subject	History	Title and Paper No.- XVI	Historical Sources, Research and Places

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec., 2023	Syllabus Discussion	2	0	-
2	Jan, 2024	Unit-I Forts A) Importance of forts B) Types of forts C) Structure of fort	15	0	Lecture, Interactive, ICT,
3	Feb, 2024	Unit – II Museums A) Types of Museum B) Chhatrapati Shivaji Maharaj Museum Mumbai (Prince of Wales) C) Town Hall Museum, Kolhapur & Raja Dinkar Kellkar Museum, Pune	15	0	Lecture, Interactive, ICT, Discussion
4	March, 2024	Unit – III Historical Tourism A) Definition and Nature Historical Tourism B) Importance of Tourism C) Places : Raigad, Satara, Kolhapur, Solapur.	16	0	Lecture, Interactive, ICT, Seminar
5	April, 2024	Unit – IV Historians A)V.K. Rajwade B)G.S. Sardesai C)Setu Madhavrao Pagdi D)V.C. Bendre	14	0	Lecture, Interactive, ICT,


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(Dr. Pantulwar. R.G.)


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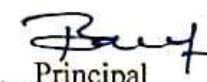
Department of History
Teaching Plan for the Year –2023-24

Name of the Teacher: Mr. Bappasaheb Ramling Shejul	Class: B.A.III	Semester : V	Paper No: VIII
Subject: History	Title of the Paper : Mughal India (1526 A.D.-1707 A.D.) w.e.f.2021		

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2023	Syllabus Discussion	2		
2	August, 2023	Unit-I Sources of Mughal India A) Indian Sources B) Foreign Travel Accounts : Abul Fazal, Badayuni, Abdul Hamid Lahori	14	--	Lecture, Narration and ICT
3	Sept. 2023	Unit-II Babar A) Early Life Babar B) Political Work: Panipat Battle, Khanwa Battle, Ghagra Battle	14	--	Lectures and ICT
4	Oct, 2023	Unit-III Humayun and Shershaha A) Early Life and difficulties Of Humayun B) Early Life Of Shershaha C) Humayun and Shershah Conflict	16	--	Lectures and ICT
5	Nov. 2023	Unit-IV Akbar A) Early Life Of Akbar B) Rajput Policy of Akbar C) Religious Policy of Akbar	16	--	Lectures and ICT


 Teacher
 (Dr. Pandurang K. G.)


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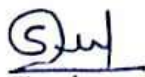

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Department of History
Teaching Plan for the Year –2023-24

Name of the Teacher: Mr. Bappasaleb Ramling Shejul	Class: B.A,III	Semester : VI	Paper No: XIII
Subject: History		Title of the Paper : Mughal India (1526 A.D.-1707 A.D.) w.e.f.2021	

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec, 2023	Syllabus Discussion	2	-	
2	January 2024	Unit -I Jahangir and Shahajahan A) Jahangir B) Shahajahan Era - Golden age of Mughal Empire C) War of Succession	16	--	Lectures,
3	Feb, 2024	Unit-II Aurangzeb A) Early Life of Aurangzeb B) Northern and Deccan policy of Aurnagzeb C) Decline of Mughal Empire	15	--	Lectures, Seminar
4	March, 2024	Unit-III Administrative System of Mughal Empire A) Administrative System of Shershaha B) Administrative System of Akbar	15	-- -- --	Lectures, Seminar
5	April, 2024	Unit-IV Architecture in Mughal Period A) Period of Babar, Humayun,shershaha B) Period of Akbar, Jahangir C) Period of Shahajahan, Aurangzeb	14	-- --	Lectures, Discussion


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Department of History
Teaching Plan for the Year –2023-24

Name of the Teacher: Mr. Bappasaheb Ramling Shejul	Class: B.A.III	Semester : V	Paper No:IX
Subject: History	Title of the Paper : Expansion and Downfall of the Maratha Power (1707 – 1818A.D.) w.e.f.2021		

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2023	Syllabus Discussion	2		Lectures and ICT
2	August, 2023	Unit – I Chhatrapati Shahu and Civil war A) Release of Shahu B) Conflict between Chhatrapati Shahu and Tarabai C) Work of Peshwa Balaji Vishwanath	16	--	Lectures and ICT
3	Sept, 2023	Unit – II Peshwa Bajirao – I A) Southern Expansion B) Northern Expansion C) Relation with Portuguese and Siddhi	15	--	Lectures and ICT
4	Oct, 2023	Unit – III Peshwa Balaji Bajirao (Nanasaheb) A) Southern Expansion B) Northern Expansion C) Relation with Bhosale and Angre	14	--	Lectures and ICT
5	Nov, 2023	Unit – IV Third Battle of Panipat, 1761 A.D. A) Background and causes B) Course and defeat of the Marathas C) Effects	15	--	Lectures and ICT


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Department of History
Teaching Plan for the Year –2023-24

Name of the Teacher: Mr. Bappasaheb Ramling Shejul	Class: B.A.III	Semester : VI	Paper No: XIV
Subject: History	Title of the Paper : Expansion and Downfall of the Maratha Power (1707 – 1818A.D.) w.e.f.2021		

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec, 2023	Syllabus Discussion	2		Lecture
2	January 2024	Unit – I Restoration of the Maratha Power A) Conflict between Madhavrao I and Raghunathrao B) Work of Peshwa Madhavrao – I C) Northern politics after Panipat war	16	--	Lectures, Seminar
3	Feb, 2024	Unit – II Period of Barbhai A) Assassination of Narayanrao and Barbhai council B) First Anglo – Maratha war C) Maratha – Mysore Relation and Battle of Kharda	14	--	Lectures, Seminar
4	March, 2024	Unit – III Decline of the Maratha power A) Peshwa Bajirao – II B) Second Anglo – Maratha war C) Third Anglo – Maratha war and causes of Decline of the Maratha power	16	-- -- --	Lectures, Seminar
5	April, 2024	Unit – IV Administrative system during the Peshwa period A) Civil Administration B) Military system C) Judicial system	14	-- --	Lectures, Discussion


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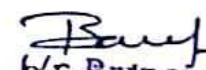
Department of History
Teaching Plan for the Year –2023-24

Name of the Teacher: Mr. Bappasaheb Ramling Shejul	Class: B.A.III	Semester : V	Paper No: X
Subject: History	Title of the Paper : : Modern World (1870 -2000 A.D.) w.e.f.2021		

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2023	Syllabus Discussion	2		
2	August, 2023	Unit – I Bismark A) Life of Bismark B) Internal Policy C) External Policy	14	--	Lectures and ICT, Seminar
3	Sept, 2023	Unit – II New Imperialism A) Background of new Imperialism B) Meaning & causes of new Imperialism C) Imperialism in Africa	16	--	Lectures and ICT Seminar
4	Oct, 2023	Unit –III First world war A) Causes & Course B) Effects C) Treaty of Versailles & League of Nations	16	--	Lectures and ICT, Seminar
5	Nov. 2023	Unit –IV Russian Revolution – 1917 A) Causes B) Course C) Effects	14	--	Lectures and ICT Seminar


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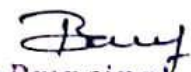
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Teaching Plan for the Year –2023-24

Name of the Teacher: Mr. Bappasaheb Ramling Shejul	Class: B.A.III	Semester : VI	Paper No: XV
Subject: History	Title of the Paper : : Modern World (1870 -2000 A.D.) w.e.f.2021		

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec, 2023	Syllabus Discussion	2		
2	January 2024	Unit – I Rise of Dictatorship A) Germany B) Italy C) Turkastan	15	--	Lectures, Seminar
3	Feb, 2024	Unit – II Second World War A) Causes & Course B) Effects C) United Nations Organization	15	--	Lectures, Seminar
4	March, 2024	Unit –III Cold War A) Meaning B) Causes C) Effects	14	-- --	Lectures, Seminar
5	April, 2024	Unit –IV Globalization A) Meaning & Definition B) Effects on Human Rights C) Globalization & India	16	-- --	Lectures, Discussion


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. II Sem. III
Subject	Zoology	Title and Paper No.- V	Cell Biology

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	June	Prokaryotic and Eukaryotic cells	03	01	Lecture, Interactive, Slide observations
2	July	Plasma membrane Endomembrane system	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
3	August	Mitochondria Cytoskeleton	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
4	Sept.	Nucleus Cell division	03	01	Lecture, Interactive, ICT, Specimen study, slide observations
5	Oct.	Cell signaling	04	01	Lecture, Interactive, ICT, Specimen study, slide observations, Slide preparations


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. II Sem. III
Subject	Zoology	Title and Paper No.- VI	Principles of ecology

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	June	Syllabus discussion, Introduction to ecology	03	01	Lecture, Interactive, ICT, Specimen study, slide observations
2	July	Animal Associations Abiotic factors	08	04	Lecture, Interactive, ICT, Specimen study, slide observations
3	August	Community characteristics	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
4	Sept.	Ecosystems Terrestrial Aquatic	04	02	Lecture, Interactive, ICT, Specimen study, slide observations
5	Oct.	Applied ecology	01	01	Lecture, Interactive, ICT, Specimen study, slide observations


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. II Sem. IV
Subject	Zoology	Title and Paper No.- VII	Fundamentals of Biochemistry

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov	Syllabus discussion, Carbohydrates	03	03	Lecture, Interactive, ICT, Estimations, biochemical tests
2	Dec	Lipids Amino acids	06	02	Lecture, Interactive, ICT, Estimations, biochemical tests
3	Jan	Proteins Immunoglobulins	06	02	Lecture, Interactive, ICT, Estimations, biochemical tests
4	Feb	Nucleic Acids Central Dogma	06	02	Lecture, Interactive, ICT, Estimations, biochemical tests
5	March	Enzymes	03	02	Lecture, Interactive, ICT, Estimations, biochemical tests


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. II Sem. IV
Subject	Zoology	Title and Paper No.- IV	Animal Physiology : Controlling and Regulations

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov	Syllabus discussion, Tissue	03	01	Lecture, Interactive, ICT, slide observations
2	Dec	Histology Nervous system	08	02	Lecture, Interactive, ICT, slide observations
3	Jan	Muscles Reproductive Physiology	06	02	Lecture, Interactive, ICT, slide observations
4	Feb	Reproductive cycle	06	02	Lecture, Interactive, ICT, slide observations
5	March	In vitro fertilization Endocrine system	03	01	Lecture, Interactive, ICT, slide observations


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. I Sem. I
Subject	Zoology	Title and Paper No.- I	Animal Diversity P I

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	June	Syllabus Discussion, Protista	03	01	Lecture, Interactive, Slide observations
2	July	Porifera Cnidaria Platyhelminthes Nemathelminthes Classification, Characters, life cycle	08	04	Lecture, Interactive, ICT, Specimen study, slide observations
3	August	Annelida Arthropoda Classification, Characters, economic importance	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
4	Sept.	Mollusca Classification, Characters, economic importance	03	01	Lecture, Interactive, ICT, Specimen study, slide observations
5	Oct.	Echinodermata Water Vascular System	04	01	Lecture, Interactive, ICT, Specimen study, slide observations


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. I Sem. I
Subject	Zoology	Title and Paper No.- II	Animal Diversity P II

Sr. No	Month	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
				Theory	Practical	
1	June	Nov	Syllabus Discussion, Protochordata	03	01	Lecture, Interactive, ICT, Specimen study, slide observations
2	July	Dec	Agnatha, Pisces Classification, Characters, life cycle , economic importance	08	04	Lecture, Interactive, ICT, Specimen study, slide observations
3	August	Jan	Amphibian , parental care	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
4	Sept.	Feb	Reptiles Aves Classification, Characters, snake bite management	03	01	Lecture, Interactive, ICT, Specimen study, slide observations
5	Oct.	March	Mammals Classification, Characters Adaptive radiations	04	01	Lecture, Interactive, ICT, Specimen study, slide observations


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. I Sem. II
Subject	Zoology	Title and Paper No.- III	Comparative Anatomy of Vertebrates

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov	Syllabus discussion, Integumentary system, glands, digital tips	02	01	Lecture, Interactive, ICT, Specimen study, slide observations
2	Dec	Skeletal System Appendicular skeleton	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
3	Jan	Digestive system, digestive glands	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
4	Feb	Respiratory system, gills, lungs, air sacs Circulatory System	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
5	March	Urinogenital system Nervous system	06	02	Lecture, Interactive, ICT, Specimen study, slide observations


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Dr.S.S.Kshirsagar		Class and Sem.	B. Sc. I Sem. II
Subject	Zoology	Title and Paper No.- IV	Developmental Biology of vertebrates

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov	Syllabus discussion, Gametogenesis	02	01	Lecture, Interactive, ICT, Specimen study, slide observations
2	Dec	Fertilization Embryonic Development up to gastrulation	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
3	Jan	Placenta in mammals Apoptosis, cell differentiations, cell movements	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
4	Feb	Frog metamorphosis Types of twins in human	06	02	Lecture, Interactive, ICT, Specimen study, slide observations
5	March	Applications of ultrasounds Causes of miss carriages	03	01	Lecture, Interactive, ICT, Specimen study, slide observations


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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Goyal A. M.		Class and Sem.	B. Sc. I Sem. I
Subject	Botany	Title and Paper No.- I	Microbiology and Phycology

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	1	0	Lecture, Interactive
2	Aug	Unit 1: 1.1 : Introduction of Microbiology 1.2 : Viruses 1.3 : DNA Virus	07	16	Lecture, Interactive, ICT,
3	Sep.	1.4 : Bacteria 1.5 : Mycolplasma	08	16	Lecture, Interactive, ICT,
4	Oct.	Unit. 2 : Phycology 2.1 : Introduction, General characters, Classification, Economic importance 2.2 : Cyanophyta a) General characters b) Life cycle of Nostoc 2.3 : Xanthophyta a) General Characters b) Life cycle of Vaucheria	09	16	Lecture, Interactive, ICT,
5	Nov.	2.4 : Chlorophyta a) General characters b) Life cycle of Spirogyra 2.5 : Phacophyta a) General characters b) Life cycle of Sargassum	06	16	Lecture, Interactive, ICT,

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Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Goyal A. M.		Class and Sem.	B. Sc I Sem. II
Subject	Botany	Title and Paper No.- II	Taxonomy of Angiosperms

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Jan.	Syllabus Discussion Unit 1 – Introduction of Taxonomy 1.1 : Introduction and Defination 1.2 : Aims and Principles 1.3 : Flower charactrs	10	16	Lecture, Interactive
2	Feb	1.4 : Classification Types 1.5 : Outline of Bentham and Hooker system, Merits, Demerits	06	16	Lecture, Interactive, ICT,
3	Feb	Unit 2 : Identification and Nomenclature 2.1 : Binomial Nomenclature 2.2 : Intro and Principles of ICBN 2.3 : Herbarium and Botanical Garden	07	16	Lecture, Interactive, ICT,
4	March	2.4 : Botanical gardens of India	03	16	Lecture, Interactive, ICT,
5	April	Unit. 5 : Study of Families a) Caesalpincaceae b) Solanaceae c) Amaranthaceae d) Liliaceae	05	16	Lecture, Interactive, ICT,


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TEACHING PLAN FOR THE YEAR 2023 - 24

Name of the Teacher: Prof. Goyal A. M.		Class and Sem.	B. Sc. II Sem. III
Subject	Botany	Title and Paper No.- I	Plant Metabolism

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Aug	Syllabus Discussion Unit 1: Enzymes a) Introduction b) Classification c) Mechanism d) Properties	08	16	Lecture, Interactive
2	Sep.	Unit. 2 : Nitrogen metabolism a) Introduction b) Cycle c) Mechanism d) Significance Unit. 3 : Plant growth regulators a) Introduction b) Discovery c) Types	09	16	Lecture, Interactive, ICT,
3	Oct.	Unit. 3 : Plant growth regulators d) PGR e) Inhibitors Unit. 4 : Mineral nutrition a) Introduction b) Macronutrients c) Role of Macronutrients	10	16	Lecture, Interactive, ICT,
4	Nov.	Unit. 5: Carbohydrate metabolism a) Introduction b) Classification	06	16	Lecture, Interactive, ICT,

Alan
Teacher

Alan
Head

Pooja
Principal
I/c.Principal
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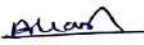
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PARANDA ROAD, KURDUWADI TAL-MADHA DIST-SOLAPUR PIN-413 208 (MAHARASHTRA)

Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Goyal A. M.		Class and Sem.	B. Sc II Sem. IV
Subject	Botany	Title and Paper No.- VII	Plant Physiology

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Jan.	Syllabus Discussion Unit 1 – Plant response to light and temperature a) Photoperiodism b) Phytochrome c) Vernalization	08	08	Lecture, Interactive
2	Feb.	Unit. 2 : Translocation in phloem a) Defination b) Loading and unloading c) Mechanism d) Source and sink relationship	06	08	Lecture, Interactive, ICT,
3	March	Unit 3 : Photosynthesis a) Introduction b) Photosynthetic apparatus c) Photosynthetic pigments d) Light and dark reactions	08	08	Lecture, Interactive, ICT,
4	April	Unit. 4 : Respiration a) Introduction b) Structure of Mitochondria c) Types : Aerobic, Glycolysis, TCA Cycle d) ETS	05	08	Lecture, Interactive, ICT,
5	April	Unit. 5 : Photorespiration a) Introduction b) Site of Photorespiration c) Mechanism d) Significance	08	08	Lecture, Interactive, ICT,


Teacher


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TEACHING PLAN 2023-24

Name of the Faculty – Prof. Kamble S.M.

Class - B.A.-II

Paper No. II

Subject – I.D.S. (Generic Elective I)

Periods- 60

Paper Name- Tourism in India

Month	Teaching Units	Lectures
December	Unit I: Tourism Development in India: 1.1 Historical Background 1.2 Development after Second World War 1.3 Role of Tourism in National Economy.	15
January	Unit II: Geographical and Historical Places in India 2.1 Geographical Tourist Places: -Hill Stations, Sanctuaries and National parks, Lakes & Beaches 2.2 Historical Places: -Fort cities, Capital Cities	15
February	Unit III: Planning of Tourism 3.1 Concept of Tourism Planning 3.2 National Planning 3.3 Regional Planning 3.4 Local Planning 3.5 Problems of Tourism Planning	15
March	Unit IV: A) Religious and cultural Tourist places in India 4.1 Hindu Religious centers 4.2 other religious centers 4.3 Cultural centers B) Tourist places in Solapur District: Religious, Historical. Major fairs (Yatra and Pandharpurwari)	15
April	University Examination	

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TEACHING PLAN 2023-2024

Name of the Faculty - Dr. Nagare Vikas Bhaupatil

Class - B.Sc. I Sem I and II

Paper No. I

Subject - Geomorphology-I

Periods- 30+30

Credit - 02+02

Paper Name- Geomorphology Paper I and Human Geography - Paper II

Month	Teaching Units	Lectures
July and August	Topic 1 Introduction to Geomorphology - Meaning and Definition, Nature and Scop.	08
September	Topic 1 - Interior structure of the Earth, Rocks types, and characteristics	08
October	Topic 2 Earth Movements :- Continental Drift Theory Endogenic forces: types of Fold and Fault,	08
November	Topic 2 - Earthquakes and Volcanoes.	06
November	Winter Vacation	
December	Introduction to Human Geography Topic 1 Introduction to Human Geography -Meaning and Definition., Nature and Scope. Branches of Human Geography, Importance of Human Geography	08
January	Topic 2 Human Race - Definition and concept, Basis of racial classification, Racial Classification of Griffith Taylor, Religious Groups in the World. Tribes in the Plateau region- Gond	08
February	Topic 3 Population - Growth of Population. Factors Affecting the Distribution of the World Population. Distribution of the World Population. Age and Sex composition	08
March	Topic 4 Human Settlements - Rural Settlements: Types, Pattern and functions. Urban Settlements: Functional classification. Urbanization and World Trend of Urbanization. Problems of urban settlement	06
April	University Exam	

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TEACHING PLAN 2023-2024

Name of the Faculty - Dr. Nagare Vikas Bhaupatil

Class - B.A. I Sem I and Sem II

Paper No. I & II

Subject - Geomorphology-I

Periods- 60+60 Credit - 4+4

Paper Name- Geomorphology Paper I(Sem. I) and Human Geography - Paper II (Sem.II)

Month	Teaching Units	Lectures
July and August	Topic 1 Introduction to Geomorphology - Nature and Scop, & Importance	15
September	Topic 2 Earth and Earth Movements- Interior structure of the Earth, Continental Drift Theory, Endogenic forces: Folding and Faulting, Sudden Movements Earthquakes and Volcanoes.	15
October	Topic 3 Rocks and Geomorphic Processes:- Rocks types, and characteristics, Weathering: Meaning and types., Cycle of Erosion by W.M. Davis	15
November	Topic 4 Evolution of Landforms (Erosional and Depositional) – Fluvial, Aeolian Glacial and Coastal.	15
November	C.A. and U.A. Exam	
December	Introduction to Human Geography Topic 1 Introduction to Human Geography-Meaning and Definition., Nature and Scope. Branches of Human Geography, Importance of Human Geography	15
January	Topic 2 Human Race- Definition and concept, Basis of racial classification, Racial Classification of Griffith Taylor, Religious Groups in the World. Tribes in the Plateau region- Gond	15
February	Topic 3 Population- Growth of Population. Factors Affecting the Distribution of the World Population. Distribution of the World Population. Age and Sex composition	15
March	Topic 4 Human Settlements- Rural Settlements: Types, Pattern and functions. Urban Settlements: Functional classification. Urbanization and World Trend of Urbanization. Problems of urban settlement	15
April	C.A. and U.A. Exam	

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TEACHING PLAN 2023-2024

Name of the Faculty - Dr. Nagare Vikas Bhaupatil

Class - B.A. II Sem - III and IV

Paper No. III & V

Subject - Geography

Periods- 60 +60 Credit 4+4

Paper Name- Climatology Paper -IV and Economic Geography Paper -V

Month	Teaching Units	Lectures
August	Topic 1 Atmospheric Composition and Structure - Climatology- Meaning and Definition, Elements of Weather and climate, Atmospheric Composition Atmospheric Structure	15
September	Topic 2 Insolation and Temperature - Factors affecting on Insolation, Distribution of Insolation, Heat Budget, Temperature- Factors, Distribution and Inversion	15
October	Topic 3 Atmospheric Pressure and Winds - Atmospheric Pressure Belts, Planetary Winds, Forces affecting Winds, Jet Stream	15
November	Topic 4 Atmospheric Moisture and Cyclone - Concept of Evaporation and Condensation, Types of Humidity and Precipitation, Climatic Regions (Koppen's) Tropical Cyclones, Monsoon - Origin and Mechanism.	15
November	Topic 1 Introduction of Economic Geography and Economic Activity - Definition of Economic Geography, Classification of Economic Activity, Factors Affecting location of Economic	15
December	Topic 1 Activity, Agriculture Land use Model- Von Thunen, Industrial Location Theory- Alfred Weber	15
January	Topic 2 Primary Activities - Subsistence and Commercial Agriculture, Forestry, Fishing and Mining	15
February	Topic 3 Secondary Activities - Manufacturing- Cotton Textile and Iron and Steel, Concept of Manufacturing Regions 3.3 Special Economic Zones and Technology Parks.	08
March	Topic 4 Tertiary Activities - Transportation, Trade and Services.	07
April	C.A. and U.A. Exam	

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TEACHING PLAN 2023-24

Name of the Faculty - Dr. Wakade A.G.

Class - B.A.-I

Paper No. II

Subject – Compulsory

Periods- 60

Paper Name- Science Technology and Development and Science Technology
 and Development

Month	Teaching Units	Lectures
December	Unit I : Science Technology and Agriculture 1.1) Science and Technological Advances in agriculture such as Irrigation, Fertilizers, High Yielding Variety Seeds, plant protection methods. 1.2) Green Revolution 1.3) Bio-technology in agriculture, Tissue culture and cloning 1.4) Problems of Modern agriculture and their solutions.	15
January	Unit II : Science Technology and Human Health 2.1) Brief history of Medical Science with special reference to India. 2.2) Nutrition – Concept, components; Balanced diet. 2.3) Disease – A brief study of AIDS and cancer - causes, effects and preventive measures.	15
February	Unit III: Science Technological Institutions in India 3.1) Bhabha Atomic Research Centre -Mumbai 3.2) Indian Institution of Space Science and Technology-Thiruvananthapuram. 3.3) Indian Agricultural Research Institute-New Delhi. 3.4) National Institute of Oceanography-Panjim. 3.5) Survey of India – Dehradun	15
March	Unit IV: A) Communication 4.1) Means of Communication and their application: Telephone, Television, Internet Mobile etc. 4.2) Computer – Generation and application 4.3) Introduction of Remote Sensing, GIS and GPS B) Pollution 4.4) Pollution - Air Pollution, Water Pollution, Sound and Soil Pollution – causes, effect and their measures	15
April	University Examination	


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TEACHING PLAN 2023-24

Name of the Faculty - Dr. Wakade A.G.

Class - B.A. II

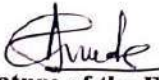
Subject - Geography


Paper No. VI


Periods- 60

Paper Name: Environmental Geography

Month	Teaching Units	Lectures
December	Environmental Geography Unit I: Introduction1 1.1 Definition of Environmental Geography 1.2 Nature of Environmental Geography 1.3 Scope of Environmental Geography 1.4 Importance of Environmental Geography	15
January	Unit II: Human and Environment Relationships 2.1 Historical Progression 2.2 Adaptation in different Biomes.	15
February	Unit III: Ecosystem 3.1 Concept and importance of Ecosystem 3.2 Structure of Ecosystem 3.3 Functions of Ecosystem, 3.4 Types of Ecosystems	15
March	Unit IV: Environmental Problems, Tropical, Temperate, and Polar Ecosystem 4.1 Environmental Programs –Tropical, Temperate and Polar Ecosystems 4.2 Environmental Policies– Global, National and Local levels, Environmental Problems of Solapur City and its remedies.	15
April	University Examination	


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TEACHING PLAN 2023-24

Name of the Faculty - Dr. Wakade A.G.

Class - B.A. III

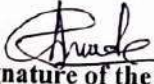
Subject - Geography


Paper No. IX


Periods- 60

Paper Name- Evaluation of Geographical Thought -Paper – 10

Month	Teaching Units	Lectures
December	Topic 1 History of Geographical idea: - Ancient Period Contribution of Greek & Roman, Indian Geographer Medieval Period- Arab Geographer	15
January	Topic 2 School of Geographical - The German School of Geography – Humbolt, Ritter and Ratzel, The French School of Geography Vidal – de-la- Blache, The American School of Geography Ellen Semple, British School of Geography – Mackinder	15
February	Topic 3 Dichotomy in Geography - Environmental Determinism Vs Possibilism, Physical Vs Human, Systematic Geography Vs. Regional Geography	15
March	Topic 4 Development of Geography after World War II- The Quantitative revolution in Geography: Concept, Objectives, merits. Impact of Quantitative revolution in Geography. Perspectives in Geography: Behaviouralism, Humanism, Systems Approach, Radicalism	15
April	University Examination	


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TEACHING PLAN 2023-24

Name of the Faculty - Dr. Wakade A.G.

Class - B.A. III


Subject - Geography


Paper No. IX


Periods- 60

Paper Name- Evaluation of Geographical Thought -Paper – 10

Month	Teaching Units	Lectures
December	Topic 1 History of Geographical idea: - Ancient Period Contribution of Greek & Roman, Indian Geographer Medieval Period- Arab Geographer	15
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March	Topic 4 Development of Geography after World War II- The Quantitative revolution in Geography: Concept, Objectives, merits. Impact of Quantitative revolution in Geography. Perspectives in Geography: Behaviouralism, Humanism, Systems Approach, Radicalism	15
April	University Examination	


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TEACHING PLAN 2023-24

Name of the Faculty – Prof. Band A.M.

Class - B.A. III
Subject - Geography
Paper Name- Social Geography

Paper No. XII
Periods- 60

Month	Teaching Units	Lectures
December	Social Geography Unit I: Introduction of Social Geography 1.1 Definition of Social Geography 1.2 Nature and Scope of Social Geography 1.3 Branches of Social Geography 1.4 Approaches and Importance of Social Geography	15
January	Unit II. Peopling Process of India 2.1 Concept of peopling process 2.2 Technological Changes 2.3 Occupational Changes 2.4 Migration	15
February	Unit III. Social Categories and their spatial distribution of World 3.1 Tribe- (Bushman and Gond) 3.2 Race 3.3 Religion	15
March	Unit IV. Social Welfare, Wellbeing and Social Problems in India 4.1 Concept of Social Welfare and Wellbeing 4.2 Components of Social Welfare and Wellbeing – Healthcare, Housing and Education 4.3 Social Problems- Slums, Communal Conflicts and Crime	15
April	University Exam	

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TEACHING PLAN 2023-24

Name of the Faculty – Prof. Band A.M.

Class - B. Com-I

Subject - Geography

Paper No. II

Periods- 60

Paper Name- Marketing Geography

Month	Teaching Units	Lectures
December	Marketing Geography Unit I: Introduction to Marketing Geography 1.1 Definition of Marketing Geography 1.2 Nature and Scope of Marketing Geography 1.3 Importance of Marketing Geography 1.4 Primary Components of Marketing Geography	15
January	Unit II. Market System 2.1 Definition of Market 2.2 Structure & Significance of Markets. 2.3 Geographical factors affecting Market system. 2.4 Classification of Markets.	15
February	Unit III. Transportation and Marketing 3.1 Role of transportation in marketing. 3.2 Road and Rail Transportation: Merits and Demerits, Major Routs in the World. 3.3 Water Transportation: Merits and Demerits, Major Water Routs in the World. 3.4 Air Transportation: Merits and Demerits, Major Air Routes in the World	15
March	Unit IV. Tourism Marketing in India 4.1 Meaning and Importance of Tourism 4.2 Tourism in modern period in India 4.3 Major Tourist centers in India	15
April	University Exam	



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TEACHING PLAN 2023-2024

Name of the Faculty - Dr. Nagare V.B.

Class - B.A. III Sem - V and VI

Paper No. VII & IX

Subject - Geography

Periods- 60+60

Paper Name- Regional Planning and Development-7.

Evaluation of Geographical Thought 10

Month	Teaching Units	Lectures
August	Topic 1 Region and Regional Planning- Concept of Region; Types of Regions	10
	Topic 1 Region and Regional Planning- Need of Regional Planning	
September and October	Topic 1 Region and Regional Planning- Types of Regional Planning	20
	Topic 2 Delineation of Planning Region- Choice of Region for Planning, Characteristics of Ideal Planning Region	
	Topic 2 Delineation of Planning Region- Delineation of Planning Region, Planning Regions of India	
November	Topic 3 Theories and Models for Regional Planning- Growth Pole Model of Perroux Centre Place Theory of Walter Christaller	15
	Topic 4 Measuring of Development. - Indicators of Economic Development, Indicators of Social Development, Indicators of Environmental Development, Human Development index	15
November	University Examination	
December and January	Topic 1 History of Geographical idea: - Ancient Period Contribution of Greek & Roman, Indian Geographer Medieval Period- Arab Geographer	15
	Topic 2 School of Geographical - The German School of Geography – Humbolt, Ritter and Ratzel , The French School of Geography Vidal – de-la- Blache, The American School of Geography Ellen Semple, British School of Geography – Mackinder	15
March	Topic 3 Dichotomy in Geography - Environmental Determinism Vs Possibilism, Physical Vs Human, Systematic Geography Vs. Regional Geography	15
April	Topic 4 Development of Geography after World War II- The Quantitative revolution in Geography: Concept, Objectives, merits. Impact of Quantitative revolution in Geography. Perspectives in Geography: Behaviouralism, Humanism, Systems Approach, Radicalism	15

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TEACHING PLAN 2023-2024

Name of the Faculty - Dr. Nagare Vikas Bhaupatil

Class - B.A. III Annual Pattern

Paper No. I and II

Subject - Geography

Periods- 50+165


Paper Name- Geography Practical Paper No.1 (Map Work & Map Interpretation)

Month	Teaching Units	Periods Days
August	Unit – 2. Map Projection Definition, Classification of Projections:	10
September	2.1. Graphical Construction of the following Projections with Properties and Use: <ul style="list-style-type: none"> • Zenithal Polar Gnomonic Projection • Zenithal Polar Equal Area Projection 	15
October	<ul style="list-style-type: none"> • Simple Conical Projection with one standard Parallel • Simple Conical Projection with two standard Parallel 	12
November	<ul style="list-style-type: none"> • Cylindrical equal area projection • Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projection 	13
Paper Name- Geography Practical Paper No.II (Advanced Tools, Techniques In Geography (Computer, Remote Sensing, GIS, GPS) & Field Work)		
December	Unit: 1 Introduction to Computer 1.1: Computer fundamentals: 1.2: Application of computer in Gography - Construction of Line Graphs, Bar Graphs - Construction of Pie Diagram and Scatter Diagram. 1.3 Significance and application of Internet in Geographical Studies.	50
January	Unit: 2 Remote Sensing -Definition, Components and Development of Remote Sensing. -Principles of Remote Sensing: EMR, Sensors and Platforms. -Application of Remote Sensing in Geography. -Aerial photographs and Satellite imagery: Definition, types	50

	-Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery.	
February	<p align="center">Unit: 3 GIS and GNSS (GPS)</p> <p>Geographical Information System (GIS)</p> <ul style="list-style-type: none"> -Definition and components -GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data -Georeferencing, Digitization, Map Layout Preparation -Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring <p>Global Navigation Satellite System (Global Positioning System)</p> <ul style="list-style-type: none"> 3.1.1 Definition and components 3.1.2 Application of GPS in Geography 3.1.3 Field work through GPS: Determining latitude, longitude and altitude 3.1.4 Exercise with Google earth Program. 	50
March	<p align="center">Unit :5 Surveying</p> <ul style="list-style-type: none"> -Survey: Meaning and types -Preparation of plans by Prismatic compass survey (Radical, Intersection and open and closed Traverse method) - Correction of bearing. 	15
April	C.A. and U.A. Exam	


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TEACHING PLAN 2023-24

Name of the Faculty – Prof. Kamble S.M.

Class - B.A.-II

Paper No. II

Subject – I.D.S. (Generic Elective I)

Periods- 60

Paper Name- Tourism in India

Month	Teaching Units	Lectures
December	Unit I: Tourism Development in India: 1.1 Historical Background 1.2 Development after Second World War 1.3 Role of Tourism in National Economy.	15
January	Unit II: Geographical and Historical Places in India 2.1 Geographical Tourist Places: -Hill Stations, Sanctuaries and National parks, Lakes & Beaches 2.2 Historical Places: -Fort cities, Capital Cities	15
February	Unit III: Planning of Tourism 3.1 Concept of Tourism Planning 3.2 National Planning 3.3 Regional Planning 3.4 Local Planning 3.5 Problems of Tourism Planning	15
March	Unit IV: A) Religious and cultural Tourist places in India 4.1 Hindu Religious centers 4.2 other religious centers 4.3 Cultural centers B) Tourist places in Solapur District: Religious, Historical. Major fairs (Yatra and Pandharpurwari)	15
April	University Examination	

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TEACHING PLAN 2023-24

Name of the Faculty – Prof. Kamble S.M.

Class - B.A.-II

Paper No. II

Subject – I.D.S. (Generic Elective I)

Periods- 60

Paper Name- Tourism in India

Month	Teaching Units	Lectures
December	Unit I: Tourism Development in India: 1.1 Historical Background 1.2 Development after Second World War 1.3 Role of Tourism in National Economy.	15
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April	University Examination	

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Paranda Road, Kurduwadi. Tal-Madha, Dist-Solapur. Pin-413 208 (Maharashtra)

Teaching Plan for the Year -2023-24

Name of the Teacher:-Mr. Shinde V. S.	Class: B.Sc.-I Sem.-II
Subject:-Mathematics	Title of the Paper :P-III-Geometry

Sr. No	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	--	--	--	---
2	September	--	--	--	--
3	October	--	--	--	--
4	November	--	--	--	--
5	December	Unit 1(A):-Change of Axis and Polar Coordinates: Translations, Rotations, Translations and Rotations, Invariants, ,	04	--	Inductive-Deductive Method Problem Solving Method, ICT
6	January	Identifications of conics from general form of second degree equations, Polar Coordinates, Conversion formulae, equation of conics in polar co-ordinate Unit 2:-Plane: General equation of plane, Normal equation,	08	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method, ICT
7	February	Angle between two planes, Plane through three points, Plane through a given point, Two Sides of a Plane, planes. Distance of a point from a plane, Family of planes	07	--	Inductive-Deductive Synthetic -Analytic Method Problem Solving Method, ICT
8	March	Unit 1(B): Sphere: Centre radius form, General form, Diameter form, Equation of Tangent Plane and condition for tangency,	07	--	Inductive-Deductive Method Problem Solving Method, ICT
9	April	Family of spheres $S + \lambda S' = 0, S + \lambda P = 0$	04	--	Problem Solving Method, ICT
10	May	University Examination	--	--	--

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Teaching Plan for the Year -2023-24

Name of the Teacher:-Mr. Shinde V. S.	Class: B.Sc-I Sem-I
Subject:-Mathematics	Title of the Paper :-I-Calculus

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Admission Process	-	-	-
2	August	Unit. 1 (A) : Differentiation: Indeterminate forms and L' Hospital's Rule, Successive differentiation, derivatives of standard functions, Leibnitz rule, Taylor's theorem and Maclaurin's Theorem (Only Statements).	07	-	Inductive-Deductive Method Synthetic-Analytic Method Problem Solving Method ICT
3	September	Series expansions of, $\cos x$, $\sin x$, $(1+x)$, $\log(1+x)$ Unit.1(B) : Function of two variables: Limit and Continuity of function of two variables, Partial derivative, partial derivative of higher orders, Homogeneous functions, Euler's Theorem on Homogeneous functions.	07	-	Inductive-Deductive Method Synthetic-Analytic Method Problem Solving Method, ICT
4	October	Unit. 2 (A) : Reduction Formulae: $\int_0^{\pi/2} \sin^n x dx$, $\int_0^{\pi/2} \cos^n x dx$ $\int_0^{\pi/2} \sin^m x \cos^n x dx$	07	-	Inductive-Deductive Synthetic-Analytic Problem Solving Method, ICT
5	November	Unit. 2 (B) : Vector Calculus: Scalar point function, Vector point function, Directional derivatives, divergence and Curl and its properties.	08	-	Inductive-Deductive Method Problem Solving Method ICT
6	December	University Examination	-	-	-

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Teaching Plan for the Year -2023-24

Name of the Teacher:-Mr. Shinde V. S.	Class: B.Sc.-I Sem.-II
Subject:-Mathematics	Title of the Paper :P-III-Geometry

Sr. No	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	--	--	--	---
2	September	--	--	--	--
3	October	--	--	--	--
4	November	--	--	--	--
5	December	Unit 1(A):-Change of Axis and Polar Coordinates: Translations, Rotations, Translations and Rotations, Invariants, ,	04	--	Inductive-Deductive Method Problem Solving Method, ICT
6	January	Identifications of conics from general form of second degree equations, Polar Coordinates, Conversion formulae, equation of conics in polar co-ordinate Unit 2:-Plane: General equation of plane, Normal equation,	08	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method, ICT
7	February	Angle between two planes, Plane through three points, Plane through a given point, Two Sides of a Plane, planes. Distance of a point from a plane, Family of planes	07	--	Inductive-Deductive Synthetic -Analytic Method Problem Solving Method, ICT
8	March	Unit 1(B): Sphere: Centre radius form, General form, Diameter form, Equation of Tangent Plane and condition for tangency,	07	--	Inductive-Deductive Method Problem Solving Method, ICT
9	April	Family of spheres $S + \lambda S' = 0, S + \lambda P = 0$	04	--	Problem Solving Method, ICT
10	May	University Examination	--	--	--


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Teaching Plan for the Year -2023-24

Name of the Teacher:-Mr. Shinde V. S.	Class: B.Sc.-I Sem.-II
Subject:-Mathematics	Title of the Paper :P-IV-Differential Equation

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	--	--	---	--
2	September	--	--	---	--
3	October	--	--	---	--
4	November	--	--	---	--
5	December	Unit 1(A):- Differential Equations of first order and first degree :[Part-I] Variables separable, Homogeneous,	04		Inductive-Deductive Problem Solving Method, ICT
6	January	non-homogeneous differential Equations Unit 1(B):- Differential Equations of first order and first degree: [Part-II] Exact differential equations. Necessary and sufficient condition for exactness, Integrating Factor with four rules, Linear differential equations of the form: $\frac{dy}{dx} + py = Q$; Bernoulli's Equation $\frac{dy}{dx} + py = Qy^n$	08	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method, ICT
7	February	Unit 2(A) :- Linear Differential Equations With Constant Coefficients :[Part-I] Complementary function and particular integral. General solution of $f(D)y=X$, Solution of $f(D)y=0$ for non-repeated, repeated, real and complex root.	07	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method, ICT
8	March	Unit 2(B) :- Linear Differential Equations With Constant Coefficients : [Part-II] Solution of $f(D)y=X$, where X is of the form $e^{ax}, x^n, \sin ax, \cos ax$,	07	--	Synthetic -Analytic , ICT
9	April	Solution of $f(D)y=X$, where X is of the form $e^{ax}V, x^m$	04	--	Inductive-Deductive, Problem Solving Method
10	May	University Examination	--	--	--

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Teaching Plan for the Year -2023-24

Name of the Teacher: -Mr. Shinde V. S.	Class: B.Sc.-I Sem.-I and II
Subject: -Mathematics	Title of the Paper: Numerical Technique Laboratory - I

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Assignment –1: Inverse of Matrix by Cayley-Hamilton Method. Assignment 2: Solution of system of Linear Homogeneous Equation	--	8	Inductive-Deductive Synthetic -Analytic Problem Solving Method, ICT
2	September	Assignment –3: Solution of system of linear non-homogeneous Equation. Assignment –4: Eigen values and Eigen vectors Assignment –5: n th roots of a complex number.	--	12	Inductive-Deductive, Synthetic –Analytic, Problem Solving Method, ICT
3	October	Assignment –6: Examples of Group Assignment –7: Application of Leibnitz Rule Assignment –8: Reduction formulae	--	12	Inductive-Deductive Problem Solving Method, ICT
4	November	Assignment –9: Partial differentiation Assignment –10: Numerical examples on gradient, divergence and curl.	--	8	Inductive-Deductive Problem Solving Method, ICT
5	December	University Examination	--	-	--
6	January	Assignment – 11: Change of axis and invariants. Assignment –12: Translation and Rotation Assignment –13: Conversion between Polar and Cartesian of points and equations	--	12	Inductive-Deductive Synthetic -Analytic Problem Solving Method, ICT
7	February	Assignment –14: Family of Planes. Assignment –15: Family of Spheres.	--	8	Synthetic –Analytic, Problem Solving Method, ICT
8	March	Assignment – 16: Linear differential equation of first order and first degree –I Assignment – 17: Linear differential equation of first order and first degree –II Assignment –18: Particular Integrals of e^{ax} , x^m	--	12	Inductive-Deductive Problem Solving Method, ICT
9	April	Assignment –19: Particular Integrals of $\sin ax$ and $\cos ax$ Assignment –20: Particular Integrals of $e^{ax}V$	--	8	Inductive-Deductive Problem Solving Method, ICT
10	May	University Examination	--	-	--


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Teaching Plan for the Year -2023-24

Name of the Teacher: -Mr. Shinde V. S.	Class: B.Sc.-II Sem.-III
Subject: -Mathematics	Title of the Paper: P-V-Differential Calculus

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Admission Process	--	--	--
2	August	Unit-1. Tangents and Normals: Equations of tangents and Normals, Angle of intersection of two curves, Length of tangent, normal, subtangent, subnormal at any point of a curve, Pedal equations or p, r equations (Cartesian form), Angle between radius vector and tangent, Length of the perpendicular from pole to the tangent,	11	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method ICT
3	September	Length of polar subtangent and polar sub-normal, Pedal equations (polar form).	02		Inductive-Deductive, Synthetic -Analytic, Problem Solving Method, ICT
		Unit-2. Curvature: Definition of Curvature, Length of arc as a function, Radius of curvature, Cartesian Equation, Parametric Equations,	10	--	
4	October	Polar Equations, Pedal Equations.	02		Inductive-Deductive Synthetic -Analytic Problem Solving Method, ICT
		Unit-3. Jacobians: Definition of a Jacobian, Jacobian of a function of function, Jacobian of implicit function, Condition of dependent functions (statement only).	08	--	
5	November	Unit- 4. Maxima and Minima: Definition of Maximum value and minimum value of a function of one, two variables, Necessary condition for extreme values(Statements only), sufficient condition for extreme values (Statements only), Use of second order derivatives. Maxima and Minima of a function of two variables, Lagrange's Method of undetermined multipliers of two variables and three variables.	12	--	Inductive-Deductive Method Problem Solving Method ICT
6	December	University Examination	--	--	--

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Teaching Plan for the Year -2023-24

Name of the Teacher: -Mr. Shinde V. S.	Class: B.Sc.-II Sem.-III
Subject:- Mathematics	Title of the Paper: P-VI-Laplace Transform

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Admission Process	--	--	--
2	August	Unit 1: Laplace Transform. Integral Transform (Definition), Laplace Transform (Definition), Linearity property of Laplace Transform, Piecewise continuous functions, Existence of Laplace Transform, Functions of exponential order functions of Class A, First Translation or Shifting Theorem, Second Translation or Shifting Theorem, Change of Scale Property, Laplace Transform of the derivatives of F(t), Laplace Transform of the n th order derivatives of F(t), Initial value theorem, Final value theorem	11	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method ICT
3	September	Laplace Transform of Integrals, Multiplication by t, Multiplication by t ⁿ , Division by t, Evolution of Integrals, periodic functions Unit 2: The Inverse Laplace Transform. Inverse Laplace Transform, Null Function, Linearity Property, Table of Inverse Laplace Transform, First Translation or Shifting Theorem,	12	--	Inductive-Deductive, Synthetic -Analytic, Problem Solving Method, ICT
4	October	Second Translation or Shifting Theorem, Change of Scale Property, Use of Partial function, Inverse Laplace Transform of the derivatives, Inverse Laplace Transform of Integrals, Multiplication by powers of p, Division by powers of p, Convolution (definition), Convolution theorem, Heaviside's expansion formula, Beta function.	12	--	Inductive-Deductive Synthetic -Analytic Problem Solving Method, ICT
5	November	Unit 3: Application of Laplace Transforms. Ordinary Differential equations with constant coefficients, Ordinary Differential equations with variable coefficients, Partial differential equation	10	--	Inductive-Deductive Method Problem Solving Method ICT
6	December	University Examination	--	--	--

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Teaching Plan for the Year -2023-24

Name of the Teacher: -Mr. Shinde V. S.	Class: B.Sc.-II Sem.-IV
Subject: -Mathematics	Title of the Paper: P-VII-Differential Equation

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	December	Unit 1:- Differential Equations of the first order and of degree higher than the first: Equations that can be resolved into factors of the first degree, Equations solvable for x, Equations solvable for y, equation,.	05	--	Inductive-Deductive Method Problem Solving Method ICT
2	January	Clairaut's Equations, reducible to Clairaut's form Unit 2: Linear Equations of the second order: General form of the second order linear equation, Complete solution when one integral belonging to complementary function is known, Rules of getting an integral belonging to complementary function,	10	--	Inductive-Deductive, Synthetic -Analytic, Problem Solving Method, ICT
3	February	Removal of the First order Derivative, Transformation of the linear equation of second order by Changing the independent variable. Unit 3: Homogeneous linear equations: Homogeneous linear equations, working rule for finding the solution,	10	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method, ICT
4	March	Equations reducible to Homogeneous form. Unit 4. Simultaneous Equations: Nature of the solution of simultaneous equations, Rules of solving the Equation	10	--	Inductive-Deductive Method Problem Solving Method ICT
5	April	Unit 5. Total Differential Equations: Total Differential Equation, Necessary and sufficient condition for the integrability of total differential equation (proof of Necessity only), Condition for exactness, Criterion for exactness, Method of Solving the Total Differential Equation	10	--	Problem Solving Method
6	May	University Examination	--	--	--

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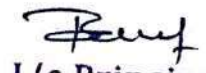
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Teaching Plan for the Year -2023-24

Name of the Teacher: -Mr. Shinde V. S.	Class: B.Sc.-II Sem.-IV
Subject:-Mathematics	Title of the Paper:P-VIII-Abstract Algebra

Sr. No	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	December	Unit-1: Introduction to Groups Definition and Example of Groups, Permutations, Subgroups,	05	--	Inductive-Deductive Method Problem Solving Method
2	January	Groups and Symmetry. Unit -2: Equivalence, Congruence, Divisibility: Equivalence relation and partitions, Congruence and Division Algorithm, Integer Modulo n,	10	--	Inductive-Deductive, Synthetic –Analytic, Problem Solving Method, ICT
3	February	Greatest Common Divisors, The Euclidean Algorithm, Factorization, Euler's Phi Function Unit-3: Groups: Elementary Properties of Groups, Generators, Direct products, Cosets, Lagrange's Theorem,	10	--	Inductive-Deductive Method Synthetic -Analytic Method Problem Solving Method, ICT
4	March	Isomorphism, More on Isomorphism, Cayley's Theorem. Unit-4: Group Homomorphism: Homomorphism of Groups, Kernels,	10	--	Inductive-Deductive Method Problem Solving Method ICT
5	April	Quotient Groups, The Fundamental theorem of Homomorphism.	10	--	Synthetic -Analytic Method
6	May	University Examination	--	--	--


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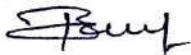

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Teaching Plan for the Year -2023-24

Name of the Teacher: -Mr. Shinde V. S.	Class: B.Sc.-II Sem.-III and IV
Subject: -Mathematics	Title of the Paper: Numerical Technique Laboratory - II

Sr. No.	Month	Name of the Topic/Sub-topic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Assignment No.1: Tangents and Normals Assignment No.2: Curvature-I	--	08	Problem Solving Method
2	September	Assignment No.3: Curvature-II Assignment No.4: Jacobians Assignment No. 5: Maxima and Minima-I	--	12	Problem Solving Method
3	October	Assignment No. 6: Maxima and Minima-II Assignment No. 7: Laplace Transform Assignment No. 8: Inverse Laplace Transforms-I	--	12	Problem Solving Method
4	November	Assignment No. 9: Inverse Laplace Transform -II Assignment No. 10: Application of Laplace Transforms	--	08	Problem Solving Method
5	December	University Examination	--	--	--
6	January	Assignment No. 11: Differential Equations of the first order and of degree higher than the first (Part-I) Assignment No. 12: Differential Equations of the first order and of degree higher than the first (Part-II) Assignment No. 13: Linear Equations of the second order	--	08	Problem Solving Method
7	February	Assignment No.14: Homogeneous linear equations. Assignment No.15: Simultaneous Equations Assignment No.16: Total Differential Equation.	--	08	Problem Solving Method
8	March	Assignment No.17: Introduction to Groups Assignment No.18: Equivalence, Congruence, Divisibility	--	08	Problem Solving Method
9	April	Assignment No.19: Groups Assignment No.20: Group Homomorphism	--	08	Problem Solving Method
10	May	University Examination	--	--	--


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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Dr. Deshmukh N.D.		Class and Sem.	B. Sc..III Sem. VI
Subject	Microbiology	Title and Paper No.- XVI	Microbial Biochemistry

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	November	Holiday Diwali vacation	-	-	-
2	December	Unit 1: Enzymes, Enzymes Kinetics, Regulation. Enzymes Enzyme Kinetics Regulation of Enzyme Synthesis	16	5	Lecture, Interactive, ICT,
3	January	Unit. 2 Extraction, Purification, Assay of Enzymes: Cell Disruption, Homogenization of Enzymes Purification of enzymes Immobilization of enzymes Assay of enzymes	10	5	Lecture, Interactive, ICT,
4	February	Unit 3: Assimilation of Carbon, Nitrogen, Sulfur	10	5	Lecture, Interactive, ICT,
5	March	Unit. 4 Bioenergetics Pyruvate is key metabolite in carbohydrate metabolism Metabolic Pathway	14	5	Lecture, Interactive, ICT,
6	April	Unit 5: Biosynthesis of Nucleotides Protein and Peptidoglycan	10	5	Lecture, Interactive, ICT,


Teacher


Head
Head, Department of Microbiology
KNRAC & VPS College, Bhosare


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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Dr. Deshmukh N.D.		Class and Sem.	B. Sc..III Sem. V
Subject	Microbiology	Title and Paper No.- XI	Immunology

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	June	Summer vacation and college admission	0	0	-
2	July	Unit 1: Immune System & Adaptive immunity Immune System Adaptive immunity	16	5	Lecture, Interactive, ICT,
3	August	Unit. 2 Major Histocompatibility Complex: Organization of MHC genes in man, Classes, Structure, Role HLA typing Types of Graft Rejection	12	5	Lecture, Interactive, ICT,
4	September	Unit 3: Complement System Component of Complement, their Components Classical & Alternate Pathway Biological effect of Complement	16	5	Lecture, Interactive, ICT,
5	October	Unit. 4 Immunological Disorder Hypersensitivity Autoimmunity Unit 5: Immunohematology ABO Blood Group System Rh system Blood Transfusion & Complication	16	10	Lecture, Interactive, ICT,


Teacher


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Head, Department of Microbiology
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Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Deshmukh N.D.		Class and Sem.	B. Sc. II Sem. III
Subject	Microbiology	Title and Paper No.- VI	Bacterial Genetics (VI)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	June	Summer vacation	-	-	-
2	July	college admission	0	0	-
3	August	Unit 1 – Structure of Nucleic Acid & Replication of Bacterial DNA: Experimental Evidences for nucleic acid as genetic material Structure & forms, types of DNA DNA Replication	09	4	Lecture, Interactive, ICT,
4	September	Unit. 2- Gene, Genetic Code, Plasmid Definitions and Concept Genetic Code Plasmid	12	4	Lecture, Interactive, ICT,
5	October	Unit 3. Bacterial Mutation & Repair Mutation and Mutagenesis Types of Mutation Types of Mutation on the basis of molecular mechanism DNA Repair	12	4	Lecture, Interactive, ICT,
	November	Unit. 4 Bacterial Recombination Definition Fate of Exogenote Types of Recombination	12	4	Lecture, Interactive, ICT,


Teacher


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Head, Department of Microbiology
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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Dr. Deshmukh N.D.		Class and Sem.	B. Sc. I Sem. II
Subject	Microbiology	Title and Paper No.- III	Microbial Cultivation & Biochemistry

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	November	Holiday Diwali Vacation Syllabus discussion	02	-	Lecture, Interactive,
2	December	Unit 1: Macromolecules: Structure & functions of a) Carbohydrates b) Proteins c) Lipids d) DNA e) RNA	10	4	Lecture, Interactive, ICT,
3	January	Unit. 2 Microbial Enzymes a) Definition, basic structures- apoenzyme, coenzymes cofactor & prosthetic group b) Types of enzymes- Extra & intracellular, constitutive & Induced enzyme with example c) Mechanism of action- active site, lock & key hypothesis, induced fit hypothesis	10	4	Lecture, Interactive, ICT,
4	February	Unit 3: Microbial Metabolism a) Definition- Anabolism, catabolism & high energy compound b) Structure & energy content ATP c) Catabolism of glucose- fate of pyruvate, EMP & TCA cycle	10	4	Lecture, Interactive, ICT,
5	March	Unit. 4: Microbial Nutrition & Growth: a) Nutritional requirements of microorganisms b) Common components-peptone, meat extract, NaCl, agar-agar c) Selective & differential components	13	4	Lecture, Interactive, ICT,
6	April	College internal assessment theory and practical examination			


Teacher


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Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Jadhav S. J.		Class and Sem.	B. Sc. II Sem. IV
Subject	Microbiology	Title and Paper No.- II	Immunology and Medical Microbiology

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec	Syllabus Discussion	1	1	Lecture, Interactive
2	January	Unit 1 – Immunity: Concepts Acquired and innate immunity	15	4	Lecture, Interactive, ICT,
3	February	Unit. 2 Antigen Antibody Types and their role	15	4	Lecture, Interactive, ICT,
4	March	Unit 3. Antigen antibody reactions. Measurement and types	15	4	Lecture, Interactive, ICT,
5	April	Unit. 4 Microbial diseases clinical Microbiology	15	4	Lecture, Interactive, ICT,


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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Jadhav S. J.		Class and Sem.	B. Sc..III Sem. V
Subject	Microbiology	Title and Paper No.- I	Industrial Microbiology

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Syllabus Discussion	1	1	Lecture, Interactive
2	September	Unit 1: Food Microbiology: Food as a substrate of Microbes Food Spoilage Food preservation Food fermentation-Idli and bread	10	5	Lecture, Interactive, ICT,
3	October	Unit. 2 Dairy Microbiology: Spoilage of Milk Fermented dairy products: Cheese curd and yogurt	7	5	Lecture, Interactive, ICT,
4	November	Unit 3: Industrial production of Streptomycin Lysine R DNA products-Insulin	10	5	Lecture, Interactive, ICT,
5	December	Unit. 4 Industrial production of alcoholic beverages: Beer Wine Spoilage of Wine	8	5	Lecture, Interactive, ICT,
6	January	Unit 5:Down stream processing and quality control	10	5	Lecture, Interactive, ICT,


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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Jadhav S. J.		Class and Sem.	B. Sc. I Sem. I
Subject	Microbiology	Title and Paper No.- I	Microbial Techniques

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	1	1	Lecture, Interactive
2	August	Unit 1: Microscopy: Basic concepts Principle and working of compound microscope Types	15	4	Lecture, Interactive, ICT,
3	September	Unit. 2 Stain and staining procedures Definition, classification, principle Special staining methods	15	4	Lecture, Interactive, ICT,
4	October	Unit 3: Sterilization techniques Definition Sterilization by physical and chemical methods	15	4	Lecture, Interactive, ICT,
5	November	Unit. 4: Cultivation techniques of Micro-organisms: Culture Media Methods of Pure culture	15	4	Lecture, Interactive, ICT,


 Teacher
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Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Jadhav S. J. .		Class and Sem.	B. Sc.III Sem. VI
Subject	Microbiology	Title and Paper No.- II	Clinical Microbiology I

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Jan	Syllabus Discussion	1	1	Lecture, Interactive
2	Feb.	Unit 1 – Clinical Bacteriology	13	5	Lecture, Interactive, ICT,
3	March	Unit. 2 Clinical Mycology	05	5	Lecture, Interactive, ICT,
4	April	Unit 3. Clinical Parasitology	06	5	Lecture, Interactive, ICT,
5	MAY	Unit. 4 Clinical Virology	11	5	Lecture, Interactive, ICT,
6	June	Unit 5: Chemotherapy	10	5	Lecture, Interactive, ICT,


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Teaching Plan for the Year 2023-24

Name of the Teacher: Mr. Deepak B. Jadhav		Class and Sem.	B. Sc. III Sem. V
Subject	Microbiology	Title and Paper No.	Virology Paper no. IX

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Introduction and Classification of Viruses A. General properties and structure of virus B. Viroids and Prions	07	01	Lecture, Interactive
2	Sept	C. Viral classification on the basis of LHT system and as per international committee Unit II Reproduction of bacterial viruses (11) A. T ₄ Bacteriophage - Lytic cycle B. Temperate phages and lysogeny of λ phages	15	05	Lecture, Interactive, ICT,
3	October	Reproduction of Animal viruses: Adeno viruses and Influenza viruses Oncogenic Viruses- i) Types of Oncogenic viruses, DNA and RNA viruses, (ii) Types of cancer, Characteristics of cancerous cells, (iii) Hypotheses of Cancer: Somatic mutation, Viral gene and Defective immunity	14	05	Lecture, Interactive, ICT, Problem Solving
4	Nov	Viral plant Diseases – Tobacco mosaic virus [TMV], Cauliflower Mosaic virus [CaMV] Prevention and Control of Plant Viral Diseases	12	05	Lecture, Interactive, ICT, Problem Solving
5		Isolation, Cultivation, Purification and Enumeration of viruses One step growth experiment	12	05	Lecture, Interactive, ICT, Problem Solving


Teacher


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Teaching Plan for the Year 2023-24

Name of the Teacher: Mr. Deepak B. Jadhav	Class and Sem.	B. Sc. I Sem. I
Subject Microbiology	Title and Paper No.	Fundamental Microbiology Paper no. 1

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	UNIT-I: History and Scope of Microbiology 1. Development of microbiology as a discipline, Spontaneous generation vs. biogenesis. 2. Contributions of Antony von Leeuwenhoek, Louis Pasteur, Robert Koch, Joseph Lister, Alexander Fleming, John Tyndall, Role of microorganisms in fermentation, Germ theory of disease,	06	04	Lecture, Interactive
2	August	Introduction to types of microorganisms – Bacteria, viruses, algae, protozoa, fungi 2. Various branches of Microbiology. 3. Beneficial and harmful activities of microorganisms. Diversity of microbial world (08) A) Taxonomy, Morphology & Cytology of Bacteria I) Bacterial Taxonomy:- 1. General principles of Bacterial nomenclature 2. Criteria for bacterial classification – Morphological, Cultural and Biochemical Characters	12	04	Lecture, Interactive, ICT, Problem Solving
3	Sept	Difference between Prokaryotic & Eukaryotic cell. UNIT III: General characters of different groups of microorganisms – Cellular and acellular. (20) 1. Size, Shape, arrangement of bacteria 2. Structure of typical Bacterial cell	10	04	Lecture, Interactive, ICT, Problem Solving
4	Oct	Structure and function of Cell Wall, Cell Membrane, Capsule & Slime layer, and Flagella. UNIT – IV: General characteristics of various microorganisms. (07) 1. General characters, structure and economic importance of – Fungi and protozoa.	12	04	Lecture, Interactive, ICT, Problem Solving
5	Nov	Archaeobacteria, Rickettsia and Actinomycetes, 3. Acellular- Definition, General properties of Viruses. viroids and prions.	05	04	Lecture, Interactive, ICT, Problem Solving

Deepak B. Jadhav
 Teacher

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Teaching Plan for the Year 2023-24

Name of the Teacher: Mr. Deepak B. Jadhav	Class and Sem.	B. Sc. II Sem. IV
Subject Microbiology	Title and Paper No.	Industrial Microbiology

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Nov.	Definition and Scope of industrial Microbiology, industrial important organisms with products (lists) Fermentations: Basic Concept, Types –Surface Culture Submerged Culture. Batch, Continuous culture (Chemostat & Turbidostat), Dual and Multiple fermentation.	06	04	Lecture, Interactive
2	Dec.	Design of typical Fermenter / Bioreactor: Parts and their functions Media for industrial Fermentations 2. Media Components and Optimization 3. Use of Waste as a fermentation Media 4. Inoculum and Production media	16	04	Lecture, Interactive, ICT, Problem Solving
3	Jan.	Screening: Primary and Secondary 2. Strain Improvement 3. Preservation of industrially important microorganisms 4. Inoculum Development 5. Scale up of Fermentation	09	04	Lecture, Interactive, ICT, Problem Solving
4	Feb.	a) Specific Fermentations 1. Penicillin fermentation (<i>P. chrysogenum</i>) 2. Alcohol (<i>S. cerevisiae</i>) 3. SCP (<i>S. cerevisiae</i>) 4. Amylase (<i>A. niger</i>)	07	04	Lecture, Interactive, ICT, Problem Solving
5	March	b) Fermentation Product Recovery 1. Criteria for selection of recovery method 2. Filtration, Centrifugation, Precipitation, Distillation, Crystallization and Drying.	07	04	Lecture, Interactive, ICT, Problem Solving


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Teaching Plan for the Year- 2023-2024

Name of the Teacher: Dr. Atul Hanamant Kadam			Class	B.A. I
Subject	Political Science	Title, Sem. and Paper No.	Indian Government and Politics Sem. I Paper No. I	

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Unit no. 1 Sources and features of the Indian constitution	16	Nil	Lecture, Narration, Dictation
2	September	The Preamble of constitution and its evaluation	16	Nil	Lecture, Narration, Dictation
3	October	Unit no. 2 Fundamental Rights and Fundamental Duties of Indian citizen, Directive Principles of State Policy.	16	Nil	Lecture, Narration, Dictation
4	November	Unit no. 3 A) Union legislature: Lok Sabha and Rajya Sabha: Composition, Powers and functions. B) Union Executive: President, Vice President, Prime Minister and Council of Ministers : Powers and Functions Relation between Prime Ministers and Council of Ministers.	16	Nil	Lecture, Narration, Dictation
5	December	Unit no. 4 Judiciary: Supreme Court: Composition, Powers and Functions, Judicial Review.	12	Nil	Lecture, Narration, Dictation


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Teaching Plan for the Year- 2023-2024

Name of the Teacher: Dr. Atul Hanamant Kadam			Class	B.A. I
Subject	Political Science	Title, Sem. and Paper No.	Indian Government and Politics Sem. II Paper No. II	

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January	Unit no. 1 Indian Federal System: Centre State relation and its changing nature.	16	Nil	Lecture, Narration, Dictation
2	February	Unit no. 2 Election Commission: Powers and Functions.	16	Nil	Lecture, Narration, Dictation
3	March	Unit no. 3 Political Parties in India: A) Origin, B) Ideology and Programme, C) Its role in Indian Politics. Indian National Congress, Nationalist Congress Party, Communist Party of India.	16	Nil	Lecture, Narration, Dictation
4	April	Communist Party of India (Marxist), Bhartiya Janata Party, Bhujan Samaj Party, Samajwadi Party and Republican Party of India	16	Nil	Lecture, Narration, Dictation
5	May	Unit no. 4 Influencing Factors on Indian Politics: Caste, Region, Money and Media	12	Nil	Lecture, Narration, Dictation


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Teaching Plan for the Year- 2023-2024

Name of the Teacher: Dr. Atul Hanamant Kadam		Class	B.A. II
Subject	Political Science	Title, Sem. and Paper No.	Basic Concepts in Political Science Sem. III Paper No. III

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Unit no. 1 Political Theory (a) Meaning, Nature, scope	12	Nil	Lecture, Narration, Dictation
2	September	(b) Approaches of Political Theory - Normative and Empirical (c) Importance	16	Nil	Lecture, Narration, Dictation
3	October	Unit no. 2 State and Nation (a) Meaning (b) Elements of state, Nation (c) Difference Between State and Nation	16	Nil	Lecture, Narration, Dictation
4	November	Unit no. 3 Sovereignty (a) Meaning (b) Kind of Sovereignty (c) Features of Sovereignty (d) Theory of Austin and Laski about sovereignty	16	Nil	Lecture, Narration, Dictation
5	December	Unit no. 4 Liberty, Equality and Justice (a) Meaning (b) Types	12	Nil	Lecture, Narration, Dictation


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Teaching Plan for the Year- 2023-2024

Name of the Teacher: Dr. Atul Hanamant Kadam		Class	B.A. II
Subject	Political Science	Title, Sem. and Paper No.	Basic Concepts in Political Science Sem. IV Paper No. V

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January	Unit no. 1 Power (a) Meaning (b) Influence and power (c) Kind of Power	12	Nil	Lecture, Narration, Dictation
2	February	Unit no. 2 Authority (a) Meaning. (b) Kinds. (c) Features of authority	16	Nil	Lecture, Narration, Dictation
3	March	Unit no. 3 Legitimacy (a) Meaning. (b) Authority and Legitimacy (c) Bases of Legitimacy.	16	Nil	Lecture, Narration, Dictation
4	April	Unit no. 4 Democracy (a) Meaning. (b) Features of Democracy	16	Nil	Lecture, Narration, Dictation
5	May	(c) Kinds of Democracy Parliamentary and Presidency	04	Nil	Lecture, Narration, Dictation


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Teaching Plan for the Year- 2023-2024

Name of the Teacher: Dr. Atul Hanamant Kadam		Class	B.A. II
Subject	Political Science	Title, Sem. and Paper No.	Modern Indian Political Thought Sem. III Paper No. IV

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Unit no. 1 Raja Rammohan Roy (a) Social Reforms. (b) Political Thoughts.	08	Nil	Lecture, Narration, Dictation
2	September	(c) The role of Roy in Indian renaissance.	16	Nil	Lecture, Narration, Dictation
3	October	Unit no. 2 Mahatma Phule (a) Views about British Rule (b) Views about Equality (c) Liberty and Democracy	16	Nil	Lecture, Narration, Dictation
4	November	Unit no. 3 B. G. Tilak (a) Views about British Rule. (b) Nationalism. (c) Four - Fold Programme.	16	Nil	Lecture, Narration, Dictation
5	December	Unit no. 4 Mahatma Gandhi (a) Satya, Ahimsa and Satyagraha. (b) Concept of Swaraj (c) Theory of Trusteeship.	12	Nil	Lecture, Narration, Dictation


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Teaching Plan for the Year- 2023-2024

Name of the Teacher: Dr. Atul Hanamant Kadam			Class	B.A. II
Subject	Political Science	Title, Sem. and Paper No.	Modern Indian Political Thought Sem. IV Paper No. VI	

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January	Unit no. 1 Jawaharlal Nehru (a) Secular Nationalism (b) Democratic Socialism (c) Foreign Policy	04	Nil	Lecture, Narration, Dictation
2	February	Unit no. 2 Dr. B.R. Ambedkar (a) Social Thought (b) State Socialism (Economic Thought) (c) Views on Democracy	16	Nil	Lecture, Narration, Dictation
3	March	Unit no. 3 R.M. Lohia (a) Caste and Language (b) Four Pillar of the State. (c) Democratic Socialism	16	Nil	Lecture, Narration, Dictation
4	April	Unit no. 4 Maulana Abul Kalam Azad (a) Religion and Politics	16	Nil	Lecture, Narration, Dictation
5	May	(b) Nationalism (c) Democracy.	08	Nil	Lecture, Narration, Dictation


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Teaching Plan for the Year- 2023-2024

Name of the Teacher: Dr. Atul Hanamant Kadam			Class	B.A. II
Subject	Political Science	Title, Sem. and Paper No.	Public Administration Sem. III Paper No. IDS	

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Unit no. 1 Public Administration (a) Meaning, Definition.	12	Nil	On Line Lecture, Narration, Dictation
		(b) Nature, Scope and Importance. (c) Public and Private Administration.			
2	September	(b) Nature, Scope and Importance. (c) Public and Private Administration.	16	Nil	On Line Lecture, Narration, Dictation
3	October	Unit no. 2 Principles of Organization (a) Hierarchy.	16	Nil	On Line Lecture, Narration, Dictation
		(b) Span of Control (c) Unity of Command (d) Co-ordination			
4	November	Unit no. 3 Units of Organization (a) Staff and Line Agencies (b) Department – Bases of Departmental Organization	16	Nil	On Line Lecture, Narration, Dictation
5	December	Unit no. 4 Public Corporations (a) Meaning, Definition, Characteristics. (b) Ministerial and Parliamentary control over Public Corporation (c) Challenges of Privatization in front of Public Corporation.	04	Nil	On Line Lecture, Narration, Dictation


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Name of the Teacher: Dr. Atul Hanamant Kadam		Class	B.A. II
Subject	Political Science	Title, Sem. and Paper No.	Public Administration Sem. IV Paper No. IDS

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January	Unit no. 1 Financial Administration (With reference to India)	08	Nil	Lecture, Narration, Dictation
		(a) Preparation and Passing of Budget (b) Financial Committees (1) Estimate Committee			
2	February	(2) Public Accounts Committee (3) Committee on Public Undertakings	16	Nil	Lecture, Narration, Dictation
3	March	Unit no. 2 Public Policy	16	Nil	Lecture, Narration, Dictation
		(a) Definition, (b) Characteristics and Models			
4	April	Unit no. 3 Citizen and Administration interface	16	Nil	Lecture, Narration, Dictation
		A) RTI B) Lokpal C) Citizens Charter and E-Governance			
5	May	Unit no. 4 Social Welfare Policies	12	Nil	Lecture, Narration, Dictation
		• Education: Right to Education • Health: National Health Mission • Food: Right to food Security • Employment: MNREGA			


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Teaching Plan for the Year 2023-24

Name of the Teacher: Mrs. V. S. Shinde		Class and Sem.	B. Sc. III Sem. V
Subject	Chemistry	Title and Paper No.- X	Inorganic chemistry Total credit = 4 Contact hours = 60

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Theory	
1	August	Second week admission process	-	-
		Third week Bridge course	10	Lecture
2	September	1. Metal Ligand Bonding in Transition Metal Complexes : A) Crystal Field Theory (CFT). 1. A. 1) Introduction - What is CFT? 1. A. 2) Basic concept of CFT. 1. A 3) Formation of complexes with Crystal field splitting of 'd' orbitals i. Shapes of d orbitals and their electron density region ii. Formation of octahedral Complex with Crystal field splitting of 'd' orbitals, e.g. High spin and low spin octahedral complexes of Co(III): $[\text{CoF}_6]^{3-}$, $[\text{Co}(\text{NH}_3)_6]^{3+}$. iii. Formation of tetrahedral Complex with Crystal field splitting of 'd' orbitals, e.g. $[\text{CoCl}_4]^{2-}$ iv. Formation of square planer Complex with Crystal field splitting of 'd' orbitals e.g. $[\text{Co}(\text{CN})_4]^{2-}$ 1. A.4. Jahn-Teller distortion.	18	Lecture, ICT, charts, PPT

		<p>1. A.5. Factors affecting the Crystal field splitting.</p> <p>1. A.6. Crystal field stabilization energy (Δ): Calculation for octahedral complexes only.</p> <p>1. A.7. Applications and limitations of CFT.</p> <p>Unit test</p> <p>B) Molecular Orbital Theory(MOT)</p> <p>1. B.1. Introduction.</p> <p>1. B.2. Basic concept</p> <p>1. B.3. Symmetry classes of atomic orbitals</p> <p>1. B.4. Formation of octahedral complex</p> <p>a) Assumptions b) M.O. energy level diagram for hypothetical octahedral complex.</p> <p>1. B.5. Examples: octahedral complexes with sigma bonding only such as e.g. $[\text{Ti}(\text{H}_2\text{O})_6]^{3+}$, $[\text{FeF}_6]^{3-}$, $[\text{Fe}(\text{CN})_6]^{3-}$, $[\text{CoF}_6]^{3-}$, $[\text{Co}(\text{NH}_3)_6]^{3+}$, $[\text{Ni}(\text{NH}_3)_6]^{2+}$</p> <p>1. B.6. Applications and limitations of MOT.</p> <p>1. B.7. Comparison between CFT and MOT</p> <p>Unit Test</p>		
2	October	<p>2.Nuclear Chemistry:</p> <p>2.1. Nuclear reaction and energetics of nuclear reactions.</p> <p>2.2. Classification of nuclear reactions and Types of nuclear reactions:</p> <p>i) Artificial transmutation.</p> <p>ii) Artificial radioactivity.</p> <p>iii) Projectile capture reaction.</p> <p>iv) Projectile capture - particle emission reaction.</p> <p>v) Nuclear fission.</p> <p>vi) Nuclear fusion.</p> <p>2.3. Use of Uranium, Thorium and Plutonium for: a. Nuclear reactor b. Atomic Bomb.</p>	14	Lecture, ICT, charts, atomic model, PPT

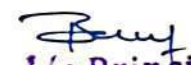
		<p>2.4. Applications of radioisotopes as tracers.</p> <p>i) Chemical investigation - Esterification.</p> <p>ii) Structural determination – Phosphorus pentachloride</p> <p>Unit test</p> <p>3. Catalysis</p> <p>4.1. Introduction</p> <p>4.2. Classification of catalytic reactions: Homogeneous & Heterogeneous</p> <p>4.3. Types of catalysis</p> <p>4.4. Characteristics of catalytic reactions</p> <p>4.5. Mechanism of catalysis:</p> <p>i) Intermediate compound theory</p> <p>ii) Adsorption theory.</p> <p>4.6. Industrial Applications of Catalysis</p>		
3	November	<p>3. Bioinorganic Chemistry:</p> <p>3.1. Essential and trace elements in biological process</p> <p>i) Essential elements a) Macro / major elements b) Micro/trace/minor elements</p> <p>ii) Non-essential elements</p> <p>3.2. Metalloporphyrins with special reference to haemoglobin and myoglobin.</p> <p>i) Structure of Haemoglobin(Hb)</p> <p>ii) Structure of Myoglobin(Mb)</p> <p>iii) Function of Haemoglobin (Hb) and Myoglobin (Mb) as Oxygen transport from lungs to tissues</p> <p>iv) Function of Haemoglobin as Carry back CO₂ to lungs.</p> <p>v) Co-operativity</p> <p>vi) Oxygen binding curve</p> <p>vii) Difference between Haemoglobin (Hb) and Myoglobin(Mb)</p>	10	Lecture, ICT, charts, PPT

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		3.3. Role of alkali and alkaline earth metal ions with special reference to Na^+ , K^+ and Ca^{2+} i) Role of Na^+ and K^+ ii) Role of Ca^{2+} . Unit test and Internal exam		
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Teacher


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VIDYANAGAR, BHOSARE

Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Vandana S. Shinde		Class and Sem.	B. Sc. I
Subject	Chemistry Practical - I	Title and Paper No.	Practical Course Laboratory Course Organic/ Inorganic/ physical Chemistry


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	Organic Qualitative Analysis: Organic Spotting No. 1 to 2	16	Demonstration
2	Sept.	Organic Spotting No. 3 to 6	20	Demonstration
3	Oct.	Organic Preparation: i)Preparation of benzoic acid from benzamide. ii)Preparation of dibenzal acetone from benzaldehyde and acetone. Organic Estimations : i)Estimation of aniline ii)Estimation of acetamide	16	Demonstration
4	Nov.	Inorganic Quantitative Analysis: Volumetric Analysis i)To prepare a standard solution of Oxalic acid and determine the strength of Sodium hydroxide solution in terms of normality and Kg/dm ³ ii) To prepare a standard solution of Oxalic acid and determine the strength of Potassium permanganate solution in terms of normality and Kg/dm ³ iii)To prepare standard solution of Potassium dichromate and determine strength of Ferrous Ammonium Sulphate solution in terms of normality and Kg/dm ³	12	Demonstration
5	Dec.	Inorganic preparation: i)Preparation of ferrous ammonium sulphate ii) Preparation of sodium cuprous thiosulphate	08	Demonstration

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6	Jan	Qualitative Analysis: i) Spot Tests: Detection of following cations using spot tests : Cu^{2+} , Co^{2+} , Ni^{2+} , Fe^{3+} , Zn^{2+} , Mg^{2+} , Al^{3+} , Pb^{2+} . ii) Chromatography: Separation and identification of cations by Paper Chromatographic technique from the following mixtures : a) Ni^{2+} + Cu^{2+} b) Ni^{2+} + Co^{2+} c) Cu^{2+} + Co^{2+}	20	Demonstration
7	Feb	Physical Chemistry 1) Determination of equivalent weight of Mg by Eudiometer. 2) Study of specific reaction rate of hydrolysis of methyl acetate in presence of HCl. 3) Study of specific reaction rate of hydrolysis of methyl acetate in presence of H_2SO_4 4) Study of reaction between $\text{K}_2\text{S}_2\text{O}_8$ and KI (Equal Concentrations)	16	Demonstration
8	March	5) Determination of heat of ionization of weak acid. Analytical Chemistry 1) Determination of viscosity of given liquids A and B. 2) Determination of refractive index and specific refraction of given liquids.	12	Demonstration


 Teacher


 Head, Department of Chemistry
 Head & VPS College, Bhosare.


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VIDYANAGAR, BHOSARE
Department of Chemistry


Teaching Plan for the Year 2023-2024

Name of the Teacher: Mrs. Vandana S. Shinde		Class and Sem.	B. Sc. II
Subject	Chemistry	Title and Paper No.	Practical Course Laboratory Course Organic/ Inorganic/ physical Chemistry

Sr. No.	Month	Name of the Topic/Subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	Laboratory Course Organic Chemistry A) Organic Qualitative Analysis Acids : succinic acid, phthalic acid, salicylic acid Phenols: α - naphthol, o-nitrophenol, p-nitrophenol \square Bases : o-, m-, and p-nitroanilines N, N-dimethylaniline \square Neutral : urea, acetanilide, carbontetrachloride, bromobenzene, methylacetate, nitrobenzene, naphthalene, acetophenone, ethylmethyl ketone.	32	Demonstration
2	Sept.	B) Organic Quantitative Analysis : i. Organic Estimations 1. Estimation of ester 2. Estimation of acetone ii. Organic Preparations 1. Preparation of phthalimide from phthalic anhydride. 2. Preparation of p-bromoacetanilide from acetanilide Practical Course Inorganic Chemistry 1. Gravimetric Analysis : i. Gravimetric estimation of Fe as Fe ₂ O ₃ from a solution containing ferrous ammonium sulphate and free sulphuric acid. ii. Gravimetric estimation of Ba as BaSO ₄ from a solution containing barium chloride and free hydrochloric acid. 2. Titrimetric Analysis : Calibration of burette, pipette and volumetric flask. i. Analysis of commercial vinegar – To determine the percentage of acetic acid in a given commercial sample of vinegar. ii. To prepare standard solution of calcium chloride from calcium carbonate and determine the total hardness of given water sample.	32	Demonstration
3	Oct.	3. Inorganic Preparations : i. Ferrous Ammonium Sulphate (Mohr's salt)	32	Demonstration

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		ii. Preparation of tetra amine copper(II) sulphate iii. Preparation of Chlor penta amine cobalt(III) chloride iv. Preparation of hexa amine nickel (II) chloride.		
4	Nov.	4. Semi-micro Qualitative Analysis : Cations : Cu ⁺⁺ , Al ⁺⁺⁺ , Fe ⁺⁺⁺ , Mn ⁺⁺ , Zn ⁺⁺ , Ni ⁺⁺ , Ba ⁺⁺ , Ca ⁺⁺ , Mg ⁺⁺ , NH ₄ ⁺ , K ⁺ Anions : Cl ⁻ , Br ⁻ , I ⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , CO ₃ ²⁻	32	Demonstration
5	Dec.	Laboratory Course Physical Chemistry A) Instrumental 1. Viscosity : To determine the percentage composition of a given liquid mixture by viscosity method. 2. Refractometry : To determine the specific and molar refractions of benzene, toluene and xylene by Abbe's refractometer and hence determine the refraction of -CH ₂ group. 3. Polarimetry : To determine the specific rotation and find unknown concentration of sugar solution. 4. Conductometry : i) To determine degree of dissociation and dissociation constant of acetic acid at various dilutions and to verify Ostwald's dilution law conductometrically. ii. To determine the normality of the given strong acid by titrating it against strong alkali conductometrically.	32	Demonstration
6	Jan	B) Non-Instrumental 1. Chemical Kinetic i. To study the hydrolysis of methyl acetate in presence of HCl and H ₂ SO ₄ and to determine the relative strength of acids. ii. To study the effect of acid strength (0.5M and 0.25M HCl) on hydrolysis of an ester. iii. To study the reaction between K ₂ S ₂ O ₈ and KI (unequal concentration)	16	Demonstration
7	Feb	Journal certification Internal Examination		


Teacher

Mrs. Shinde V.S.


Head

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Teaching Plan for the Year 2023-24

Name of the Teacher: Mrs. V. S. Shinde		Class and Sem.	B. Sc. III
Subject	Chemistry	Title and Paper No.	Laboratory Course Inorganic Chemistry DSE 2A and B Practical Paper No. X & XIV

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	Laboratory Course Inorganic Chemistry 1. Introduction and Laboratory safety rules 2. Inorganic preparations P1. Preparation of potassium trioxalatoaluminate (III) P2. Preparation of tris(ethylenediamine)nickel (II) thiosulphate P3. Preparation of ammonium diamminetetra-thiocyanatochromate(III) (Reineck's salt)	20	Demonstration
2	Sept.	P4. Preparation of hexamminenickel (II) chloride P8. Preparation of tris(thiourea)cuprous(I) sulphate III) Titrimetric Estimations: A) Percentage Purity (anythree) i) V1. Determination of percentage purity of ferrous ammonium sulphate. ii) V2. Determination of percentage purity of tetramminecopper (II) sulphate.	20	Demonstration


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3	Oct.	iii) V3. Determination of percentage purity of potassium trioxalatoaluminate(III) A) Analysis of Commercial Sample (any three). i) V1. Determination of percentage of magnesium in the given sample of talcum powder. ii) V2. Determination of titrable acidity in the given sample of milk or lassi.	20	Demonstration
4	Nov.	iii) V3. Determination of amount of aluminium in the given solution of potash alum	10	Demonstration
5	Dec.	University theory exam V4. Determination of percentage purity of boric acid using supplied sodium hydroxide	10	Demonstration
6	Jan	I. i) G1. Gravimetric estimation of iron as ferric oxide from the given solution containing ferrous ammonium sulphate, copper sulphate and free sulphuric acid. ii) G3. Gravimetric estimation of barium as barium sulphate from the given solution containing barium chloride, ferric chloride and free hydrochloric acid. iii) G3. Gravimetric estimation of manganese as manganese ammonium phosphate from the given Solution containing manganese sulphate, copper sulphate and free sulphuric acid.	20	Demonstration

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		iv) G4. Gravimetric estimation of nickel as bis (dimethylglyoximato) nickel (II) from the given solution containing nickel sulphate, ferrous ammonium sulphate and free sulphuric acid.		
7	Feb	B) Ion exchange method i) Determination of amount of magnesium and zinc in the given solution containing (Mg ⁺⁺ and Zn ⁺⁺) using anion exchange resin and standard solution of EDTA. ii) Determination of amount of sodium present in the given solution of common salt using cation exchange resin (By Acid Base titration).	20	
8	March	Internal practical exam, Journal certification		


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Department of Chemistry

Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Shankar P. Phulwale		Class and Sem.	B. Sc. II Sem III
Subject	Chemistry	Title and Paper No.	Organic Chemistry (Paper-V)


Sr. No.	Month	Name of the Topic/Subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August	Admission Process			-
2	August	<p>UV Spectroscopy: Introduction to Spectroscopy, Beer – Lambert law, Types of electronic transitions, Terms used in UV spectroscopy, Effect of conjugation on position of UV and visible bands. Calculation of max by Woodward-Fieser rules for conjugated dienes and enones. Applications of UV</p> <p>2. Stereochemistry Geometrical isomerism: Introduction, Geometrical isomerism in aldoximes and ketoximes, configuration of ketoximes-Beckmann transformation configuration of aldoximes.</p>	12		Whiteboard, Models, Charts, PPT
3	Sept.	<p>2.2. Conformational Isomerism: Introduction, conformation of ethane and n-butane and their representation by using Saw-Horse, Fischer and Newmann's projection formulae. Conformational analysis of ethane and n-butane with the help of energy profile diagrams. Nomenclature – D & L, R & S, E & Z system</p> <p>3. Alcohols and phenols Dihydric alcohols : Nomenclature, Methods of formation of ethylene glycol, physical properties & chemical reactions of ethylene glycol Uses of ethylene glycol. Pinacol formation, Pinacol-Pinacolone rearrangement and its mechanism. Trihydric alcohols: Nomenclature, Methods of formation of glycerol Chemical reactions of glycerol. Uses of glycerol. Phenols: Introduction, Reactions of phenol i. Acylation and Fries rearrangement ii. Ether formation and claisen rearrangement iii. Gattermann</p>	12		Whiteboard, Models, Charts, PPT

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		Synthesis iv. Carboxylation – Kolbe's reaction v. Reimer – Tiemann reaction and its mechanism		
4	Oct.	4. Aldehydes and Ketones Introduction, Nomenclature, structure and reactivity carbonyl group. Study of following reactions with mechanism and applications 5. Ethers and Epoxides Ethers: Introduction, Nomenclature, Methods of formation of anisole by Williamson's synthesis chemical reactions of anisole with HI, Ziesel's method Epoxide: Introduction, Nomenclature, commercial method of preparation of ethylene oxide. Chemical Reactions	10	Whiteboard, Models, Charts, PPT
5	Nov.	6. Carboxylic acids Monocarboxylic acids Hydroxy acids: A. Malic acid and B. Citric acid, Unsaturated acids: A. Acrylic acid, B Cinnamic acid Dicarboxylic acids: Succinic and phthalic acids. Diazonium Salts Introduction, benzene diazonium chloride – Preparation, Chemical Properties	11	Whiteboard, Models, Charts, PPT


 Teacher


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 KNBAC Head College, Bhosare


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Department of Chemistry


Teaching Plan for the Year 2023-24


Name of the Teacher: Mr. Shankar P. Phulwale		Class and Sem.	B. Sc. II Sem IV
Subject	Chemistry	Title and Paper No.	Physical Chemistry (Paper-VII)

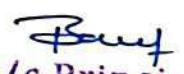
Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Electrochemistry: Introduction, conduction of electricity, Types of conductors. Explanation of terms : Variation of specific and equivalent conductance, Equivalent conductance at infinite dilution. Migration of ions, Hittorf's rule, Transport number, Determination of transport number by moving boundary method, factors influencing transport number: Nature of electrolyte, concentration, temperature, complex formation and Degree of hydration.	11		Whiteboard, Models, Charts, PPT
2	Jan.	Kohlrausch law, Applications of Kohlrausch law : i. Determination of relationship between ionic conductance, ionic mobility and transport number. ii. Determination of equivalent conductance at infinite dilution of weak electrolytes. iii. Determination of degree of dissociation of weak electrolyte. iv. Determination of ionic product of water. v. Determination of solubility of sparingly soluble salts. Thermodynamics Introduction, concept of entropy, Entropy as a state function: Definition, mathematical expression, unit, physical significance of entropy. Entropy changes for reversible and irreversible processes in isolated systems. Entropy changes for an ideal gas as a function of V and T and as a function of P and T. Entropy change in mixing of gases. Entropy change in physical transformations	12		Whiteboard, Models, Charts, PPT
3	Feb.	Third law of thermodynamics Absolute entropy and Evaluation of absolute entropy, use of absolute entropies: Determination of entropy changes in chemical reactions. Numerical problems.	12		Whiteboard, Models, Charts, PPT

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		3. The Solid State Introduction, space lattice, lattice sites, lattice planes, Unit Cell. Laws of crystallography : i. Law of constancy of interfacial angles. ii. Law of rational indices iii. Law of crystal symmetry. Weiss indices and Miller indices. Cubic lattice and types of cubic lattice, planes or faces of a simple cubic system, spacings of lattice planes. Diffraction of X-rays, Derivation of Bragg's equation. Determination of crystal structure of NaCl and KCl on the basis of Bragg's equation.			
4	March	Numerical problems Distribution Law Introduction Nernst distribution law, its limitations and modification with respect to association and dissociation of solute in one of the solvents Applications of distribution law in i. Process of extraction (derivation expect) ii. Determination of solubility iii. Distribution indicators iv. Determination of molecular weight Numerical problems expected	10		Whiteboard, Models, Charts, PPT


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 Department of Chemistry

Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Shankar P. Phulwale		Class and Sem.	B. Sc. II
Subject	Chemistry	Title and Paper No.	Practical Course Laboratory Course Organic/ Inorganic/ physical Chemistry

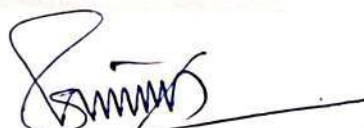
Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	Laboratory Course Organic Chemistry A) Organic Qualitative Analysis Acids : succinic acid, phthalic acid, salicylic acid Phenols : α - naphthol, o-nitrophenol, p-nitrophenol <input type="checkbox"/> Bases : o-, m-, and p-nitroanilines N, N-dimethylaniline <input type="checkbox"/> Neutral : urea, acetanilide, carbontetrachloride, bromobenzene, methylacetate, nitrobenzene, naphthalene, acetophenone, ethylmethyl ketone.	32	Demonstration
2	Sept.	B) Organic Quantitative Analysis : i. Organic Estimations 1. Estimation of ester 2. Estimation of acetone ii. Organic Preparations 1. Preparation of phthalimide from phthalic anhydride. 2. Preparation of p-bromoacetanilide from acetanilide Practical Course Inorganic Chemistry 1. Gravimetric Analysis : i. Gravimetric estimation of Fe as Fe ₂ O ₃ from a solution containing ferrous ammonium sulphate and free sulphuric acid. ii. Gravimetric estimation of Ba as BaSO ₄ from a solution containing barium chloride and free hydrochloric acid.	32	Demonstration

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		2. Titrimetric Analysis : Calibration of burette, pipette and volumetric flask. i. Analysis of commercial vinegar – To determine the percentage of acetic acid in a given commercial sample of vinegar. ii. To prepare standard solution of calcium chloride from calcium carbonate and determine the total hardness of given water sample.		
3	Oct.	3. Inorganic Preparations : i. Ferrous Ammonium Sulphate (Mohr's salt) ii. Preparation of tetra amine copper(II) sulphate iii. Preparation of Chlor penta amine cobalt(III) chloride iv. Preparation of hexa amine nickel (II) chloride.	32	Demonstration
4	Nov.	4. Semi-micro Qualitative Analysis : (8 mixtures) Cations : Cu ⁺⁺ , Al ⁺⁺⁺ , Fe ⁺⁺⁺ , Mn ⁺⁺ , Zn ⁺⁺ , Ni ⁺⁺ , Ba ⁺⁺ , Ca ⁺⁺ , Mg ⁺⁺ , NH ₄ ⁺ , K ⁺ Anions : Cl ⁻ , Br ⁻ , I ⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , CO ₃ ²⁻	32	Demonstration
5	Dec.	Laboratory Course Physical Chemistry A) Instrumental 1. Viscosity : To determine the percentage composition of a given liquid mixture by viscosity method. 2. Refractometry : To determine the specific and molar refractions of benzene, toluene and xylene by Abbe's refractometer and hence determine the refraction of – CH ₂ group. 3. Polarimetry : To determine the specific rotation and find unknown concentration of sugar solution. 4. Conductometry : i) To determine degree of dissociation and dissociation constant	32	Demonstration

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		of acetic acid at various dilutions and to verify Ostwald's dilution law conductometrically. ii. To determine the normality of the given strong acid by titrating it against strong alkali conductometrically.		
6	Jan	B) Non-Instrumental 1. Chemical Kinetic i. To study the hydrolysis of methyl acetate in presence of HCl and H ₂ SO ₄ and to determine the relative strength of acids. ii. To study the effect of acid strength (0.5M and 0.25M HCl) on hydrolysis of an ester. iii. To study the reaction between K ₂ S ₂ O ₈ and KI (unequal concentration)	16	Demonstration
7	Feb	Journal certification Internal Examination		


Teacher


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Teaching Plan for the Year 2023-2024


Name of the Teacher: Mr. Shankar P. Phulwale			Class and Sem.	B. Sc. III Sem V
Subject	Chemistry	Title and Paper No.	Organic Chemistry (Paper-XI)	

Sr. No	Month	Name of the Topic/Subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Admission Process			
2	August	Spectroscopic Methods Introduction. Principle of IR spectroscopy. Double beam IR spectrophotometer- Schematic diagram. Fundamental modes of vibrations. Types of vibrations. Hooke's law. Factors affecting values of vibrational frequencies. Conditions for absorption of radiation and selection rule Aromatic region Characteristic absorption of various functional groups. Applications of IR spectral problems based on IR NMR Spectroscopy Introduction. Proton magnetic resonance (¹ H) spectroscopy (PMR). Principles, Theory of PMR spectroscopy NMR - Instrument.	12		Whiteboard, Models, Charts, PPT
3	Sept.	Schematic diagram. Shielding and deshielding effect Chemical shift, measurement of chemical shift by delta scale and tau scale. TMS as reference. Advantages of TMS Peak area (integration). Spin - spin splitting (n + 1 rule). Definition of coupling constant (J value) Problems pertaining to the structure elucidation of simple organic compounds using PMR spectroscopic data. Mass spectroscopy Introduction. Theory of mass spectroscopy, Mass spectrometer - schematic diagram, Formation of ions by ionization, Types of ions with examples, Applications of mass spectroscopy.	12		Whiteboard, Models, Charts, PPT
4	Oct.	Stereochemistry Introduction. 2.2 Baeyer's strain theory. 2.3 Theory of strainless rings. 2.4 Conformation and stability of	10		Whiteboard, Models, Charts, PPT

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		cyclohexane and monosubstituted cyclohexanes - methylcyclohexane. 2.5 Locking of conformation in t-butylcyclohexane. 2.6 Stereoselective and stereospecific reactions: i) Stereochemistry of addition of halogens to alkenes: syn and anti-addition. Example - Addition of bromine to 2-butene. (mechanism not expected) ii) Alkaline hydrolysis of 2-chlorobutane to 2-butanol (Example of SN2 reaction)			
5	Nov.	Name reactions Mechanism and applications of following reactions: 3.1 Stobbe condensation. 3.2 Oppenauer oxidation. 3.3 Meerwein Ponndorf Verley reduction. 3.4 Reformatsky reaction. 3.5 Wagner - Meerwein Rearrangement. 3.6 Hofmann rearrangement reaction. 3.7 Wittig reaction. 3.8 Related problems. 4. Organic synthesis via Enolates Introduction - Reactive methylene group. 4.2 Ethyl acetoacetate - synthesis by Claisen condensation, acidity of methylene hydrogen (salt formation), Keto-enol tautomerism, synthetic applications - Synthesis of alkyl and dialkyl derivatives, monobasic, dibasic and α - β -unsaturated acid, heterocyclic compound. 4.3 Diethyl malonate - Synthesis, acidity of methylene hydrogen (salt formation). Synthetic applications - Synthesis of alkyl and dialkyl derivatives, monobasic, dibasic acid, α - β -unsaturated acid, α -amino acid and heterocyclic compound	11		Whiteboard, Models, Charts, PPT


 Teacher


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K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE,
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Department of Chemistry

Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Shankar P. Phulwale		Class and Sem.	B. Sc. III Sem VI
Subject	Chemistry	Title and Paper No.	Organic Chemistry (Paper-XI)

Sr. No	Month	Name of the Topic/Subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec	1. Heterocyclic Compounds: Introduction and classification, Pyrrrole: Methods of synthesis Physical properties, Reactivity of pyrrole, Basic character, Acidic character, Electrophilic substitution with general mechanism. Chemical reactions: Pyridine: Methods of Physical properties, Chemical reactions, Basic character, Electrophilic substitution reactions, Nucleophilic substitution - General mechanism, Quinoline: Synthesis - Skraup's synthesis, Physical properties, Reactions of quinolone, Electrophilic substitution reactions.	13		Whiteboard, Models, Charts, PPT
2	Jan.	2. Carbohydrates Introduction, Classification and nomenclature, Monosaccharide: D-glucose - Open chain structure, Chain lengthening of Aldoses - Kiliani synthesis, Chain shortening of Aldoses - Weerman's reaction, Interconversion of glucose and fructose, Configuration of D-glucose from D-arabinose, Objections against open chain structure of D-glucose, Mutarotation with mechanism, Ring structure of D-glucose - Determination of size of ring by: Methylation method, Disaccharides - Introduction, sucrose and lactose - sources, structural formulae and uses Polysaccharides - Introduction, Starch and Cellulose - sources, structural formulae and uses	12		Whiteboard, Models, Charts, PPT
3	Feb.	3. Vitamins and Hormones: General idea of vitamins, structure and synthesis of vitamin A, General idea of hormones, structure and synthesis of	08		Whiteboard, Models, Charts, PPT

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		Adrenaline and Thyroxin 4. Pharmaceuticals Introduction, Qualities of ideal drug Methods of classification of drugs - Classification based on the therapeutical action, Brief idea of pencillin-G (constitution, synthesis not expected) Synthesis and uses of the following drugs: i) Antimalerials - Paludrin ii) Antituberculars - Isoniazide and Ethambutol iii) C. N. S. drugs - Phenobarbitone iv) Antidiabetics - Tolbutamide v) Anti-inflammatory drugs - Ibuprofen vi) Antibiotics - Chloromycetin	10		
4	March	vii) Anticancer drugs: Chlorambucil (Leukeran) 5. Synthetic dyes Introduction, Qualities of good dye 5.2. Classification based on constitution and methods of applications 5.3 Witt's theory - Colour and constitution 5.4 Synthesis of Orange IV, Malechite green, phenolphthalein 6. Agrochemicals: General idea of agrochemicals including pyrethroids, Synthesis and uses of the following agrochemicals: i) Indole-3-acetic acid. ii) Monocrotophos iii) Methoxychlor iv) Ethophan v) Carbaryl vi) Baygon	10 07		Whiteboard, Models, Charts, PPT


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 Department of Chemistry

Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Shankar P. Phulwale		Class and Sem.	B. Sc. III
Subject	Chemistry	Title and Paper No.	Practical Course Laboratory Course Organic

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Practicals	
1	August	Laboratory Course Organic Chemistry A) Organic Qualitative Analysis 1) Solid - Solid: 4 mixtures i) Acid+Phenol ii) Acid +Base iii) Acid+Neutral iv) Phenol +Base v) Phenol+Neutral vi) Base +Neutral	20	Demonstration
2	Sept.	A) Organic Qualitative Analysis 2) Solid - Liquid : 2 mixtures 3) Liquid - Liquid : 2 mixtures 2) Solid – Liquid Mixtures One mixture of type Neutral + Neutral and One mixture of type Acid + Neutral should be given. 3) Liquid – Liquid Mixtures One mixture of type Neutral + Neutral and One mixture of type Base + Neutral Acids: Benzoic acid, Phthalic acid, Salicylic acid, Cinnamic acid, Aspirin, Oxalic acid. Phenols: α -naphthol, β -naphthol Bases: o -nitroaniline, m-nitroaniline, p-nitroaniline, aniline, o-toluidine and N, N-dimethyl aniline. Neutrals: Naphthalene, acetanilide, m-dinitrobenzene, chloroform, carbon tetrachloride, acetone, nitrobenzene, ethyl acetate, ethyl benzoate, acetophenone, bromobenzene, urea and thiourea	20	Demonstration
3	Oct.	B) Quantitative analysis: Organic estimations: 1) Estimation of sucrose 2) Estimation of nitro group 3) Saponification value of oil. 4) Estimation of acid and ester present in the given mixture of acid and ester.	20	Demonstration

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4	Nov.	Organic Preparations : 1) Preparation of m-nitro aniline from m-dinitrobenzene. 2) Preparation of p-iodo nitro benzene from p-nitro aniline. 3) Preparation of benzene azo - β - naphthol. 4) Preparation of benzoic acid from cinnamic acid.	20	Demonstration
5	Dec.	Preparation of Derivatives: 1) Bromo derivative of aniline and cinnamic acid. 2) Nitro derivative of salicylic acid and nitro benzene. 3) Benzoyl derivative of β -naphthol and aniline 4) Picrate derivative of anthracene and β -naphthol.	20	Demonstration
6	Jan	5) Oxalate and nitro derivatives of urea. 6) Anhydride derivative of phthalic acid. 7) Oxime derivatives of Ketones : Acetone and acetophenone. 8) 2: 4 DNP of acetophenone.	20	Demonstration
7	Feb	Journal certification Internal Examination		


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Shankar P. Phulwale		Class and Sem.	B. Sc. I
Subject	Chemistry Practical - I	Title and Paper No.	Practical Course Laboratory Course Organic/ Inorganic/ physical Chemistry

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	Organic Qualitative Analysis: Organic Spotting No. 1 to 2	16	Demonstration
2	Sept.	Organic Spotting No. 3 to 6	20	Demonstration
3	Oct.	Organic Preparation: i)Preparation of benzoic acid from benzamide. ii)Preparation of dibenzal acetone from benzaldehyde and acetone. Organic Estimations : i)Estimation of aniline ii)Estimation of acetamide	16	Demonstration
4	Nov.	Inorganic Quantitative Analysis: Volumetric Analysis i)To prepare a standard solution of Oxalic acid and determine the strength of Sodium hydroxide solution in terms of normality and Kg/dm ³ ii) To prepare a standard solution of Oxalic acid and determine the strength of Potassium permanganate solution in terms of normality and Kg/dm ³ iii)To prepare standard solution of Potassium dichromate and determine strength of Ferrous Ammonium Sulphate solution in terms of normality and Kg/dm ³	12	Demonstration
5	Dec.	Inorganic preparation: i)Preparation of ferrous ammonium sulphate ii) Preparation of sodium cuprous thiosulphate	08	Demonstration

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6	Jan	Qualitative Analysis: i) Spot Tests: Detection of following cations using spot tests : Cu^{2+} , Co^{2+} , Ni^{2+} , Fe^{3+} , Zn^{2+} , Mg^{2+} , Al^{3+} , Pb^{2+} . ii) Chromatography: Separation and identification of cations by Paper Chromatographic technique from the following mixtures : a) Ni^{2+} + Cu^{2+} b) Ni^{2+} + Co^{2+} c) Cu^{2+} + Co^{2+}	20	Demonstration
7	Feb	Physical Chemistry 1) Determination of equivalent weight of Mg by Eudiometer. 2) Study of specific reaction rate of hydrolysis of methyl acetate in presence of HCl. 3) Study of specific reaction rate of hydrolysis of methyl acetate in presence of H_2SO_4 4) Study of reaction between $\text{K}_2\text{S}_2\text{O}_8$ and KI (Equal Concentrations)	16	Demonstration
8	March	5) Determination of heat of ionization of weak acid. Analytical Chemistry 1) Determination of viscosity of given liquids A and B. 2) Determination of refractive index and specific refraction of given liquids.	12	Demonstration


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Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Madanrao M. Patil		Class and Sem.	B. Sc. I Sem I
Subject	Chemistry	Title and Paper No.	Physical Chemistry (Paper-I)

Sr. No	Month	Name of the Topic/Subtopic	Total Hours Required	Teaching Method
			Theory	
1	July	Admission Process	-	-
2	August	1. Chemical Kinetics Chemical Kinetics and its scope, Rate of reaction, Definition and units of rate constant. Factors affecting rate of reaction. Concentration, pressure, temperature and catalyst. 1.1 Order and Molecularity of reaction. 1.2 First order reaction: Derivation of Rate constant. Characteristics of first order reaction. Examples: Decomposition of N_2O_5 1.3 Second order reaction: Derivation of rate constant for equal and unequal concentration of the reactants. Characteristics of Second order reaction. Examples : i) Reaction between $K_2S_2O_8$ and KI .	08	Whiteboard, Charts, PPT
3	September	1.1 Pseudo-unimolecular reactions such as Hydrolysis of methyl acetate in presence of Acid. (Numerical Problems Expected)	07	Whiteboard, Charts, PPT
		2. Mathematical Concept: 1.1 Graphical representation: Graph paper, equation of straight line and intercept, 1.2 Derivatives : Rules of differentiation 1.3 Integration: Types of integration		
4	October	3. Thermodynamics: 2.1 Spontaneous and non-spontaneous	08	Whiteboard, Charts, PPT

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		processes, second law of Thermodynamics and its statements. 2.2 Carnot's Theorem (Heat Engine),Carnot Cycle and its efficiency. 2.3 Numerical Problems. 4. Gaseous State: 2.1 Ideal and Non ideal gases, Deviation from ideal behavior, Causes of deviation from ideal behavior, Vander Wall's equation		
5	November	2.2 Critical Phenomenon: PV- Isotherm of real gases (Andrew's isotherm) continuity of state, 2.3 Liquefaction of gases, Joule-Thomson effect 2.4 Numerical Problem	07	Whiteboard, Charts, PPT

For Patil

Teacher

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Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Madanrao M. Patil		Class and Sem.	B. Sc. I Sem II
Subject	Chemistry	Title and Paper No.	Organic Chemistry (Paper-III)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Theory	
1	December	<p>1. Fundamental of organic reaction mechanism: 1.1 Introduction of reaction mechanism. 1. 2 Types of arrow notations: Single headed curved arrow, Half headed curved arrow and double headed arrow. 1.3 Types of bond breaking: Homolytic and Heterolytic 1.4 Types of reagents: Electrophilic and Nucleophilic 1.5 Types and sub-types of following organic reactions with definition and at least one example of each. a) Substitution b) Addition c) Elimination d) Rearrangement. (Mechanism is not expected) 1.6 Reactive Intermediates: Carbocations, Carbanions, Carbon free radicals, Carbenes</p> <p>2. Structure and Bonding: 2.1 Hybridization: sp^3, sp^2 and sp w.r.t. methane, ethylene and acetylene respectively 2.2 Bond length, Bond angle and Bond energy with factors affecting these properties w.r.t. sp^3, sp^2 and sp hybridization. 2.3 Resonance effect w.r.t. phenol and nitrobenzene 2.4 Inductive effect, +I and -I 2.5 Strength of carboxylic acid w.r.t. inductive effect: Examples- a) Formic and acetic acid, b) monochloro, dichloro and trichloroacetic acid 2.6 Hyperconjugation w.r.t. toluene 2.7 Steric effect w.r.t. mesitoic acid</p>	10	Whiteboard, Charts, PPT
2	January	<p>3. Cycloalkane : 1.1 Cycloalkanes: Nomenclature, Methods of formation: a) Internal Wurtz reaction b) Distillation of calcium or barium salt of dicarboxylic acid 1.2 Chemical properties of cyclopropane a) Free radical substitution of chlorine in presence of light. b) Action of HBr and conc. H_2SO_4 c) Catalytic reduction by H_2/Ni 1.3 Industrial applications of cycloalkanes.</p> <p>4. Alkenes, Dienes, Alkynes: 2.1 Nomenclature of alkenes. 2.2 Methods of formation of alkenes with mechanism a) By dehydration of lower alcohols. b) By dehydrohalogenation of lower alkyl halides. 2.3 Chemical reactions of alkenes: Hydrogenation, Electrophilic and free radical additions, Hydroboration,</p>	09	Whiteboard, Charts, PPT

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		<p>Oxidation, Epoxidation, Ozonolysis, Hydration, Hydroxylation, Oxidation with KMnO_4, Polymerization of alkenes: ethylene and propylene</p> <p>2.4 Nomenclature and classification of dienes.</p> <p>2.5 Isolated, Conjugated and cumulated dienes.</p> <p>2.6 Butadiene: Methods of formation, polymerisation, 1, 2- and 1,4- additions and Diel's-Alder reaction.</p> <p>2.7 Alkynes: Nomenclature, Acidity of alkynes. 2.1 Electrophilic and Nucleophilic addition reactions, Hydroboration, Oxidation.</p> <p>2.9 Industrial applications of ethylene, 1,3-butadiene and acetylene.</p>		
3	February	<p>5. Stereochemistry of organic Compounds:</p> <p>3.1 Types of stereo-isomerism: Optical isomerism, Geometrical isomerism and Conformational isomerism</p> <p>3.2 Optical activity 3.3 Essential conditions for Optical activity a) Elements of symmetry b) Chiral center w.r.t. lactic acid</p> <p>3.4 Optical isomerism in lactic acid and tartaric acid</p> <p>3.5 Enantiomers and diastereoisomers w.r.t. 2,3-dihydroxybutanoic acid</p> <p>3.6 Racemic modification.</p> <p>3.7 Geometrical isomerism: Introduction</p> <p>3.8 Cause of geometrical isomerism. 3.9 Geometrical isomerism in maleic acid and fumaric acid.</p> <p>6. Aromaticity and Benzene :</p> <p>3.1 Aromatic, non-aromatic, antiaromatic and pseudo aromatic compounds.</p> <p>3.2 Kekule structure of benzene</p> <p>3.3 Resonance structures of benzene</p>	08	Whiteboard, Charts, PPT
4	March	<p>3.4 Molecular orbital picture of benzene.</p> <p>3.5 Representation of benzene ring. 3.6 Modern theory of aromaticity. Fundamental Concepts: Delocalisation of electrons, coplanarity and Huckel's $(4n+2)$ π rule. Applications of Huckel's rule to naphthalene, pyrrole and pyridine.</p> <p>3.7 Mechanism of electrophilic aromatic substitution in benzene w.r.t. nitration, sulphonation, halogenations and Friedel-Craft's reaction: alkylation and acylation.</p>	03	Whiteboard, Charts, PPT

Patil

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Head, Department of Chemistry
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Teaching Plan for the Year 2023-24

Name of the Teacher: Mr. Madanrao M. Patil		Class and Sem.	B. Sc. III Sem V
Subject	Chemistry	Title and Paper No.	Physical Chemistry Paper IX

Sr. No	Month	Name of the Topic/Subtopic	Total Hours Required	Teaching Method
			Theory	
1	August	Admission Process		-
2	August	Phase equilibria 2.1 Introduction 2.2 Gibbs phase rule : Phase rule equation and explanation of terms involved in the equation. 2.3 Phase diagram, true and metastable equilibria. 2.4 One component systems : (i) Water system (ii) Sulphur system with explanation for polymorphism.	08	Whiteboard, Models, Charts, PPT
3	September	2.5 Two component systems : (i) Eutectic system : (Ag - Pb system); Desilverisation of lead (ii) Formation of compound with congruent melting point (FeCl ₃ - H ₂ O) Electromotive force. 3.1 Introduction 3.2 Thermodynamics of electrode potentials, Nernst equation for electrode and cell potentials in terms of activities.	10	Whiteboard, Models, Charts, PPT
4	October	3.3 Types of electrodes : Description in terms of construction, representation, half cell reaction and emf equation for, i) Metal - metal ion electrode. ii) Amalgam electrode. iii) Metal - insoluble salt electrode. iv) Gas - electrode. v) Oxidation - Reduction electrode. 3.4 i) Reversible and Irreversible cells. ii) Chemical cells without transference. iii) Concentration cells a. Electrode concentration cell I) Reversible to cation II) Reversible to anion b. Electrolyte concentration cells without transference	10	Whiteboard, Models, Charts, PPT

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Sr. No	Month	Name of the Topic/Subtopic	Total Hours Required	Teaching Method
			Theory	
5	November	3.5 Equilibrium constant from cell emf, determination of the thermodynamic parameters such as ΔG , ΔH and ΔS . 3.6 Applications of emf measurements: i) Determination of pH of solution using Hydrogen electrode. ii) Solubility and solubility product of sparingly soluble salts (based on concentration cell). 3.7 Numerical problems	07	- Whiteboard, Models, Charts, PPT

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Teaching Plan for the Year 2023-24

Name of the Teacher: Mr. Madanrao M. Patil		Class and Sem.	B. Sc. III Sem VI
Subject	Chemistry	Title and Paper No.	Physical Chemistry Paper XIII

Sr. No	Month	Name of the Topic/Subtopic	Total Hours Required	Teaching Method
			Theory	
1	December	Spectroscopy. 1.1 Introduction 1.2 Electromagnetic radiation. 1.3 Electromagnetic spectrum, Energy level diagram. 1.4 Rotational spectra of diatomic molecules : Rigid rotor model; moment of inertia (derivation not expected); energy levels of rigid rotor, selection rule; spectral intensity; distribution using population distribution (Maxwell - Boltzmann distribution), determination of bond length; isotope effect. Interaction of radiation with rotating molecule. 1.5 Vibrational spectra of diatomic molecules: Simple Harmonic oscillator model, Vibrational energies of diatomic molecules, Determination of force constant, zero point energy. The Anharmonic oscillator, overtones and hot band. Interaction of radiation with vibrating molecules	09	Whiteboard, Models, Charts, PPT
2	January	1.6 Raman spectroscopy: Introduction, Rayleigh scattering. Raman Scattering, classical theory of Raman effect and quantum theories of Raman effect. Polarization of light and the Raman effect. Mutual exclusion principle. 1.7 Numerical problems. 2. Solutions. 2.1 Introduction 2.2 Ideal solutions, Raoult's law, vapour pressure of ideal and non ideal solutions of miscible liquids.	09	Whiteboard, Models, Charts, PPT

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3	February	2.3 Vapour pressure and boiling point diagrams of miscible liquids. Type I : Systems with intermediate total vapour pressure. (i.e. System in which B.P. increases regularly - Zeotropic) Type II : Systems with a maximum in the total vapour pressure. (i.e. System with a B.P. minimum - Azeotropic) Type III : Systems with a minimum in the total vapour pressure. (i.e. System with a B.P. Maximum - Azeotropic) Distillation of miscible liquid pairs.	09	Whiteboard, Models, Charts, PPT
4	March	2.4 Solubility of partially miscible liquids. (i) Maximum solution temperature type : Phenol – water system. (ii) Minimum solution temperature type : Triethyl amine – water system. (iii) Maximum and minimum solution temperature type : Nicotine - watersystem.	03	Whiteboard, Models, Charts, PPT

Pratibha

Teacher

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Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Madanrao M. Patil		Class and Sem.	B. Sc. I
Subject	Chemistry Practical - I	Title and Paper No.	Practical Course Laboratory Course Organic/ Inorganic/ physical Chemistry


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	Organic Qualitative Analysis: Organic Spotting No. 1 to 2	16	Demonstration
2	Sept.	Organic Spotting No. 3 to 6	20	Demonstration
3	Oct.	Organic Preparation: i)Preparation of benzoic acid from benzamide. ii)Preparation of dibenzal acetone from benzaldehyde and acetone. Organic Estimations : i)Estimation of aniline ii)Estimation of acetamide	16	Demonstration
4	Nov.	Inorganic Quantitative Analysis: Volumetric Analysis i)To prepare a standard solution of Oxalic acid and determine the strength of Sodium hydroxide solution in terms of normality and Kg/dm ³ ii) To prepare a standard solution of Oxalic acid and determine the strength of Potassium permanganate solution in terms of normality and Kg/dm ³ iii)To prepare standard solution of Potassium dichromate and determine strength of Ferrous Ammonium Sulphate solution in terms of normality and Kg/dm ³	12	Demonstration
5	Dec.	Inorganic preparation: i)Preparation of ferrous ammonium sulphate ii) Preparation of sodium cuprous thiosulphate	08	Demonstration

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6	Jan	Qualitative Analysis: i) Spot Tests: Detection of following cations using spot tests : Cu^{2+} , Co^{2+} , Ni^{2+} , Fe^{3+} , Zn^{2+} , Mg^{2+} , Al^{3+} , Pb^{2+} . ii) Chromatography: Separation and identification of cations by Paper Chromatographic technique from the following mixtures : a) Ni^{2+} + Cu^{2+} b) Ni^{2+} + Co^{2+} c) Cu^{2+} + Co^{2+}	20	Demonstration
7	Feb	Physical Chemistry 1) Determination of equivalent weight of Mg by Eudiometer. 2) Study of specific reaction rate of hydrolysis of methyl acetate in presence of HCl. 3) Study of specific reaction rate of hydrolysis of methyl acetate in presence of H_2SO_4 4) Study of reaction between $\text{K}_2\text{S}_2\text{O}_8$ and KI (Equal Concentrations)	16	Demonstration
8	March	5) Determination of heat of ionization of weak acid. Analytical Chemistry 1) Determination of viscosity of given liquids A and B. 2) Determination of refractive index and specific refraction of given liquids.	12	Demonstration


 Teacher


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Department of Chemistry

Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Madanrao M. Patil		Class and Sem.	B. Sc. II
Subject	Chemistry	Title and Paper No.	Practical Course Laboratory Course Organic/ Inorganic/ physical Chemistry


Sr. No.	Month	Name of the Topic/Subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	Laboratory Course Organic Chemistry A) Organic Qualitative Analysis Acids : succinic acid, phthalic acid, salicylic acid Phenols: α - naphthol, o-nitrophenol, p-nitrophenol \square Bases : o-, m-, and p-nitroanilines N, N-dimethylaniline \square Neutral : urea, acetanilide, carbontetrachloride, bromobenzene, methylacetate, nitrobenzene, naphthalene, acetophenone, ethylmethyl ketone.	32	Demonstration
2	Sept.	B) Organic Quantitative Analysis : i. Organic Estimations 1. Estimation of ester 2. Estimation of acetone ii. Organic Preparations 1. Preparation of phthalimide from phthalic anhydride. 2. Preparation of p-bromoacetanilide from acetanilide Practical Course Inorganic Chemistry 1. Gravimetric Analysis : i. Gravimetric estimation of Fe as Fe ₂ O ₃ from a solution containing ferrous ammonium sulphate and free sulphuric acid. ii. Gravimetric estimation of Ba as BaSO ₄ from a solution containing barium chloride and free hydrochloric acid. 2. Titrimetric Analysis : Calibration of burette, pipette and volumetric flask. i. Analysis of commercial vinegar – To determine the percentage of acetic acid in a given commercial sample of vinegar. ii. To prepare standard solution of calcium chloride from calcium carbonate and determine the total hardness of given water sample.	32	Demonstration
3	Oct.	3. Inorganic Preparations : i. Ferrous Ammonium Sulphate (Mohr's salt)	32	Demonstration


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 Department of Chemistry

		ii. Preparation of tetra amine copper(II) sulphate iii. Preparation of Chlor penta amine cobalt(III) chloride iv. Preparation of hexa amine nickel (II) chloride.		
4	Nov.	4. Semi-micro Qualitative Analysis : Cations : Cu ⁺⁺ , Al ⁺⁺⁺ , Fe ⁺⁺⁺ , Mn ⁺⁺ , Zn ⁺⁺ , Ni ⁺⁺ , Ba ⁺⁺ , Ca ⁺⁺ , Mg ⁺⁺ , NH ₄ ⁺ , K ⁺ Anions : Cl ⁻ , Br ⁻ , I ⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , CO ₃ ²⁻	32	Demonstration
5	Dec.	Laboratory Course Physical Chemistry A) Instrumental 1. Viscosity : To determine the percentage composition of a given liquid mixture by viscosity method. 2. Refractometry : To determine the specific and molar refractions of benzene, toluene and xylene by Abbe's refractometer and hence determine the refraction of -CH ₂ group. 3. Polarimetry : To determine the specific rotation and find unknown concentration of sugar solution. 4. Conductometry : i) To determine degree of dissociation and dissociation constant of acetic acid at various dilutions and to verify Ostwald's dilution law conductometrically. ii. To determine the normality of the given strong acid by titrating it against strong alkali conductometrically.	32	Demonstration
6	Jan	B) Non-Instrumental 1. Chemical Kinetic i. To study the hydrolysis of methyl acetate in presence of HCl and H ₂ SO ₄ and to determine the relative strength of acids. ii. To study the effect of acid strength (0.5M and 0.25M HCl) on hydrolysis of an ester. iii. To study the reaction between K ₂ S ₂ O ₈ and KI (unequal concentration)	16	Demonstration
7	Feb	Journal certification Internal Examination		


 Teacher


 Head, Department of Chemistry
 K.N.B. & VPS College, Bhosare.


 V.C. Principal
 K.N. Bhise Arts, Commerce &
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 Vidyanagar Bhosare, Dist-Solapur

Teaching Plan for the Year 2023-2024

Name of the Teacher: Mr. Madanrao M. Patil		Class and Sem.	B. Sc. III
Subject	Chemistry	Title and Paper No.	Practical Course Laboratory Course Physical Chemistry

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Practical's	
1	August	I) Non instrumental Experiments (Chemical Kinetics) : 1. Critical Solution Temperature. To determine the CST for phenol – water system. 2. The study of energy of activation of first order reaction i.e. hydrolysis of methyl acetate in presence of 0.5 N HCl.	10	Demonstration
2	September	3. The study of energy of activation of first order reaction i.e. hydrolysis of methyl acetate in presence of 0.5 NH ₂ SO ₄ . 4. The study of energy of activation of second order reaction i.e. reaction between K ₂ S ₂ O ₈ and KI (Equal concentrations). 5. The study of energy of activation of second order reaction i.e. reaction between K ₂ S ₂ O ₈ and KI (Unequal concentrations).	20	Demonstration
3	October	6. To study the hydrolysis of methyl acetate by using its two concentrations in presence of 0.5 N HCl and hence find velocity constant of the reaction. 7. To study the effect of addition of electrolyte (KCl) on the reaction between K ₂ S ₂ O ₈ and KI (Equal concentrations) II. Instrumental experiments A. Potentiometry 1. Titration of strong acid with strong alkali. 2. Preparation of buffer solution and determination of their pH (Any five buffer solutions), -	20	Demonstration

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		Theoretical calculation of pH values by using Henderson's equation.		
4	December	<p>3. Determination of standard electrode potential of Zn/Zn⁺⁺, Cu/Cu⁺⁺, Ag/Ag⁺ (Any two).</p> <p>B. Conductometry</p> <p>1. Titration of weak acid with strong alkali.</p> <p>2. Titration of a mixture of weak acid and strong acid with strong alkali.</p> <p>3. To study the effect of substituent on dissociation constant of weak acid with respect to acetic acid and monochloroacetic acid (cell constant to be given)</p>	20	Demonstration
5	January	<p>C. Refractometry.</p> <p>1. To determine the percentage composition of unknown mixture by (i) graphical method and (ii) by composition law (Densities of pure liquids A & B be given).</p> <p>D. Colorimetry</p> <p>1. To verify Lambert - Beer's law using CuSO₄ solution.</p> <p>2. To estimate Fe⁺⁺⁺ ions by thiocyanate method</p>	15	Demonstration
6	February	<p>E. pH - Metry</p> <p>1. To determine the dissociation constant of monobasic acid (Acetic acid)</p> <p>Journal Certification</p>	05	Demonstration

K. N. Patil

Teacher

[Signature]

Head, Department of Chemistry
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Principal

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Teaching Plan for the Year 2023-24

Name of the Teacher: Mrs. V. S. Shinde		Class and Sem.	B. Sc. I Sem. I
Subject	Chemistry	Title and Paper No.- II	Inorganic chemistry

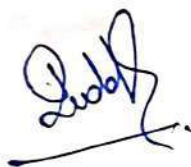
Sr. No.	Month	Name of the topic/subtopic	Total Hours Required	Teaching Method
			Theory	
1	July	Admission process, bridge course	-	-
2	August	Unit 1 1. Atomic structure and periodic properties) 1.1 Atomic structure a) What is quantum mechanics? Time independent Schrodinger equation and meaning of various terms in it. Significance of ψ and ψ^2 (Derivation not expected.) b) Quantum numbers c) Shapes of s,p,d orbitals. d) Aufbau and Pauli's exclusion principle, Hund's rule of maximum multiplicity .Stability of half-filled and completely filled orbitals, exchange energy. e) General electronic configuration of s and p block elements. 1.2 General Characteristics of s and p block elements w.r.t. Atomic and Ionic radii, Ionization energy, Electron affinity, Electronegativity, Reactivity, Melting and Boiling point. 1.3 Types of chemical bonding: Ionic ,covalent, co-ordinate, Metallic,	07	Lecture, ICT, Atomic models, charts, PPT


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		Hydrogen bonding and Weak Chemical forces: van der Waal's forces, dipole-dipole interactions, induced dipole interactions, instantaneous dipole - induced dipole interactions .		
3	September	<p>2. Chemical bonding and Ionic Solids</p> <p>2.1 Ionic bonding</p> <p>a) Formation of ionic bond, Energetics of ionic bonding: Ionisation potential, Electron affinity and Lattice energy.</p> <p>b) Characteristics of ionic compounds.</p> <p>c) Born-Haber Cycle for Alkali metal halide (NaCl).</p> <p>d) Fajan's Rule</p> <p>2.2 Radius ratio and Crystal structure</p> <p>a) Definition : Radius ratio (r^+/r^-), Co-ordination number, Stoichiometry and unit cell.</p> <p>b) Concept and calculation of radius ratio (r^+/r^-) for ionic solid with octahedral geometry.</p> <p>c) Radius ratio effect on geometry.</p> <p>d) Crystal structure of NaCl and CsCl: unit cell, co-ordination number and stoichiometry.</p> <p>Unit. II</p> <p>1. Covalent bonding: Valence Bond Theory (VBT)</p> <p>1.1 Valence bond theory: Heitler – London Theory and Pauling -Slater Theory: Merits and demerits.</p> <p>1.2 Need of Hybridization w.r.t. BeCl_2, BF_3, SiCl_4</p> <p>1.3 Types of hybridization and shapes of simple inorganic molecules: PCl_5, SF_6</p> <p>3.5 Valence Shell Electron Pair Repulsion (VSEPR) Theory w.r.t. NH_3, H_2O, ClF_3</p> <p>Unit test</p>	08	Lecture, ICT, Atomic models, crystal models, charts, PPT
4	October	<p>2. Covalent bonding: Molecular Orbital Theory Approach</p> <p>2.1 Atomic and Molecular orbitals.</p> <p>2.2 L.C.A.O. Principle</p>	07	Lecture, ICT, Atomic models,

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		2.3 Bonding, Antibonding and Nonbonding Molecular orbitals. 2.4 Conditions for successful overlap 2.5 Different types of overlap (s-s, s-p _x , p _x - p _x and p _y - p _y or p _z - p _z)		charts, PPT
5	November	2.6 Energy level sequence of molecular orbitals for n = 1 and n = 2 2.7 M.O. Diagrams for: a) Homonuclear diatomic molecule. H ₂ , Li ₂ , Be ₂ , C ₂ , N ₂ and O ₂ b) Heteronuclear diatomic molecules CO and NO w.r.t. bond order stability and magnetic properties. Unit Test, Internal Exam	08	Lecture, ICT, Atomic models, charts, PPT
6	December	University Exam		




**Head, Department of Chemistry
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Teaching Plan for the Year 2023-24

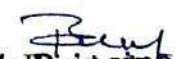
Name of the Teacher: Dr. Waghmare Vinod			Class and Sem.	B.A. III, Sem. VI
Subject	Economics	Title and Paper No.	Agriculture Economics XVI	

Sr. No.	Month	Name of the Topic/Subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	1	0	-
2	Jan.	Agricultural Finance 1.1 Need for agricultural credit 1.2 Sources of agricultural credit in India – Institutional and Non-institutional sources 1.3 Role of NABARD in agricultural finance 1.4 Problem of rising suicides among farmers	14	0	Lecture, Interactive, ICT, Problem Solving
3	Feb.	2 Agricultural Marketing 2.1 Defects of agricultural marketing and its measures 2.2 Regulated markets 2.3 Co-operative marketing 2.4 Warehousing in India	15	0	Lecture, Interactive, ICT, Problem Solving
4	March	3 Agricultural Prices 3.1 Trends in agricultural prices 3.2 Agricultural price policy in India – objectives and its evaluation 3.3 Incentives in agriculture: Price and non-price incentives, input subsidies 3.4 Commission for agricultural costs and prices	15	0	Lecture, Interactive, ICT, Problem Solving
5	April	4 New Economic policy (1991) and Indian Agriculture 4.1 Agricultural development during New Economic Policy regime 4.2 Effects of New Economic Policy on Indian agriculture 4.3 W.T.O. and Indian Agriculture 4.4 Future prospects of Indian agriculture	15	0	Lecture, Interactive, ICT, Problem Solving


Teacher

(Dr. V.B. Waghmare)


Head
Head, Department of Economics
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Teaching Plan for the Year 2023-24

Name of the Teacher		Dr. Waghmare Vinod	Class and Sem.		B.A. I, Sem. II
Subject	Economics	Title and Paper No.	Indian Economy II		
Sr.No.	Month	Name of the Topic /Sub-Topic	Total Hours Required		Teaching Method
			Theory	Practical	
1.	Dec.	Syllabus Discussion	1	0	--
1	January	1.Industry in India 1.1 Role of industry in Indian Economy 1.2 Role ,Problems and measures of 1.3 Small Enterprises	14	0	Lecture ,Interactive, Problem Solving , Use of ICT
2	Feb	2 Planning in India 2.1 Meaning and Broad objectives , 2.2 Critical evaluation of Indian 2.3 Planning 2.4 LPG model	15	0	Lecture ,Interactive, Problem Solving , Use of ICT
3	March	3 Economy of Maharashtra 3.1 Silent Feature of Economy of 3.2 Maharashtra 3.4 Dry land Farming in Maharashtra 3.4 Agro-based industries – Role and Problems	15	0	Lecture ,Interactive, Problem Solving , Use of ICT
4	March	4 Cooperative in Maharashtra 1 Role of cooperatives in Economy in Maharashtra 2 Sugar cooperatives Role and Problems	15	0	Lecture ,Interactive, Problem Solving , Use of ICT
5	April	3 Dairy cooperatives – Role and problems Urban Cooperatives Banks – Role and Problems University Examination	15	0	Lecture ,Interactive, Problem Solving , Use of ICT


Teacher

(Dr. V.B. Waghmare)


Head

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Principal

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Teaching Plan for the Year 2023-24


Name of the Teacher		Dr. Waghmare Vinod	Class and Sem.		B.A. I, Sem. I
Subject	Economics	Title and Paper No.	Indian Economy I		
Sr.No.	Month	Name of the Topic /Sub-Topic	Total Hours Required		Teaching Method
			Theory	Practical	
1.	July	Syllabus Discussion	1	0	--
2	August	1.Characteristics of Indian Economy 1.1 Characteristics of Indian Economy on the Eve of independence and since independence 1.2 Broad Features of Indian Population 1.3 Problem of over population 1.4 Population Policy -2000	14	0	Lecture ,Interactive, Problem Solving , Use of ICT, PPT
3	Sept.	2 Poverty and Unemployment 2.1 Poverty : Concept, Causes and Measures 2.2 Human Poverty Index 2.3 Unemployment : Concept and Types	15	0	Lecture ,Interactive, Problem Solving , Use of ICT
4	October	3 Problem of Rising Prices 1.1 Concept of Rising Prices : Causes , Effects , Measures	15	0	Lecture ,Interactive, Problem Solving , Use of ICT
5	Nov.	4 Agriculture Place of agriculture in Indian Economy Agriculture Productivity Features of Green Revolution Need for Second Green Revolution	15	0	Lecture ,Interactive, Problem Solving , Use of ICT


Teacher

(Dr. V.B. Waghmare)


Head

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Principal

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Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Waghmare Vinod		Class and Sem.	B.A. III, Sem. V
Subject	Economics	Title and Paper No.	Agriculture Economics (XI) P

Sr. No	Month	Name of the Topic/Subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	1	0	-
2	August	1 Rural Economy of India 1.1 Characteristics of rural economy 1.2 Place of agriculture in rural economy 1.3 Diversification of agriculture, agriculture and allied activities 1.4 Rural industrialization: Role of agro – based industries	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	2 Land Reforms in India 2.1 Problems of Marginal and Small farmers 2.2 Need for land reforms in India 2.3 Review of land reforms programme in India 2.4 Critical evaluation of land reforms programme in India	15	0	Lecture, Interactive, ICT, Problem Solving
4	Oct.	3 Development of Agriculture 3.1 Agricultural productivity – regional variations, causes of low productivity, remedies 3.2 Linkages between agricultural and non-agricultural sector 3.3 Cropping pattern in India-recent trends, factors affecting cropping pattern	15	0	Lecture, Interactive, ICT, Problem Solving
5	Nov.	Technological Changes in Agriculture 4.1 Traditional and modern Technology in Agriculture 4.2 Recommendations of National Commission on Farmers (2004) 4.3 Use of Bio-technology 4.4 New agricultural technology and employment	15	0	Lecture, Interactive, ICT, Problem Solving


Teacher


Head

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(Dr. V. B. Waghmare)

Madha Taluka Shikshan Prasarak Mandal's
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TEACHING PLAN 2023-24

Name of the Faculty – Prof. Kamble S.M.

Class - B.A.-II

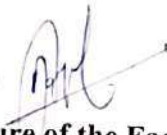
Paper No. II


Subject – I.D.S. (Generic Elective I)

Periods- 60

Paper Name- Tourism in India

Month	Teaching Units	Lectures
December	Unit I: Tourism Development in India: 1.1 Historical Background 1.2 Development after Second World War 1.3 Role of Tourism in National Economy.	15
January	Unit II: Geographical and Historical Places in India 2.1 Geographical Tourist Places: -Hill Stations, Sanctuaries and National parks, Lakes & Beaches 2.2 Historical Places: -Fort cities, Capital Cities	15
February	Unit III: Planning of Tourism 3.1 Concept of Tourism Planning 3.2 National Planning 3.3 Regional Planning 3.4 Local Planning 3.5 Problems of Tourism Planning	15
March	Unit IV: A) Religious and cultural Tourist places in India 4.1 Hindu Religious centers 4.2 other religious centers 4.3 Cultural centers B) Tourist places in Solapur District: Religious, Historical. Major fairs (Yatra and Pandharpurwari)	15
April	University Examination	

For 
Signature of the Faculty


Signature of the HOD


Principal

Head. Department of Geography

I/c.Principal
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DEPARTMENT OF HINDI
TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher : Prof. Dr Salunkhe M. N.		Class and Sem.	B. A. I Sem. I
Subject	Hindi	Title and Paper No.- I	शब्द कलश w.e.f June 2022

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August 2023	हिंदी साहित्य का काल विभाजन, वृत्तान्त लेखन, पहलवान की ढोलक कहानी-फणीश्वरनाथ रेणु, अभी न होगा मेरा अंत -निराला की कविता,	15	0	व्याख्यान पध्दति
2	Sept, 2023	सेतु पाठ अध्यापन - गद्य - स्वरूप, पार्श्वभूमि, गद्य के भेद, व्यवहारिक हिंदी, हिंदी व्याकरण, पद्य - कबीर के दोहे -कबीर का व्यक्तित्व एवं कृतित्व, स्ववृत लेखन विज्ञापन-निबंध-मोहन राकेश	15	0	व्याख्यान पध्दति, चर्चा पध्दति
3	Oct, 2023	मैं भी मानव हूँ एकांकी - विष्णु प्रभाकर, धूमिल का व्यक्तित्व एवं कृतित्व उनकी मोचीराम कविता, कारक का अर्थ, उदाहरण, वाक्य में प्रयोग, आवेदन पत्र	15	0	व्याख्यान पध्दति, चर्चा पध्दति
4	Nov, 2023	बिंदा- महादेवी वर्मा, ई फेल टॉवर की छाया में - रामवृक्ष बेनीपुरी (यात्रा साहित्य), ये अनाज की फूलें तेरे माथे झूले - माखनलाल चतुर्वेदी, हिंदी वर्णमाला शब्द भेद -विकारी तथा अविकारी शब्द	15	0	ICT, व्याख्यान पध्दति, चर्चा पध्दति
5	Dec, 2023	मैं जिसे ओढ़ता बिछाता हूँ -दुष्यंत कुमार वृत्तान्त लेखन प्रश्न पत्र सराव	02	0	ICT, व्याख्यान पध्दति, चर्चा पध्दति

M. S. Salunkhe
Teacher

M. S. Salunkhe
Head

B. N. Mishra
Principal

Head, Department of Hindi
 K.N.B.A.C. & V.P.S. College Bhosare

प्रभारी प्राचार्य
 के.एन. भिसे आर्ट्स, कॉमर्स ऑफ
 विनायकराव पाटील सायन्स कॉलेज
 विद्यानगर भोसरे, जि. सोलापूर

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DEPARTMENT OF HINDI
TEACHING PLAN FOR THE YEAR 2022-23

Name of the Teacher : Prof. Dr Salunkhe M. N.		Class and Sem.	B. A. I Sem. II
Subject	Hindi	Title and Paper No.- II	शब्द कलश w.e.f June 2022

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January 2024	तिरस्कार -राजेन्द्र श्रीवास्तव ,भगतसिंह -कष्टों से भागना कायरता है ,कवि रहीमदास के दोहे - व्यक्तित्व तथा कृतित्व लिंग परिभाषा उदाहरण वार्ता लेखन अर्थ एवं स्वरूप उदाहरण	15	0	व्याख्यान पध्दति
2	Feb, 2024	प्रेमचंद -महाजनी सभ्यता ,चन्द्रकांत देवताले - पत्थर की बेंच ,ओमप्रकाश वाल्मीकि -बस्स बहुत हो चुका साक्षात्कार लेखन ,वचन परिभाषा उदाहरण ,काल परिभाषा उदाहरण	15	0	व्याख्यान पध्दति, चर्चा पध्दति
3	March, 2024	विभूति नारायण राय -चश्मदीद शहादत व्यंग साहित्य डॉ.सुनील कुमार देवधर -रेडिऑ रूपक और राष्ट्रिय एकता ,आदिवासी स्त्रियाँ -निर्मला पुतुल ,अनुवाद अंग्रेजी अनुवाद का हिंदी में अनुवाद पानी -सुनीता जैन	16	0	व्याख्यान पध्दति, चर्चा पध्दति
4	April, 2024	हिंदी में अंक लेखन,हिंदी व्याकरण,उदाहरण , सराव प्रश्न पत्र	14	0	ICT, व्याख्यान पध्दति, चर्चा पध्दति
5	May, 2024	सराव प्रश्न पत्र	02	0	ICT, व्याख्यान पध्दति, चर्चा पध्दति

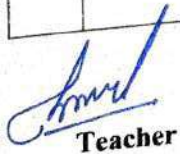
M. Salunkhe
Teacher

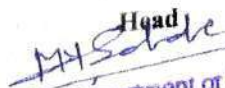
M. Salunkhe
Head
 Head, Department of Hindi
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B. N. Patil
Principal
 प्रभारी प्राचार्य
 के. एन. भिसे आर्ट्स, कॉमर्स अण्ड
 विनायकराव पाटील सायन्स कॉलेज
 विद्यानगर भोसरे, जि. सोलापूर

Department of Hindi
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Rokade R.P.			Class and Sem.		BA-. III Sem.- III	
Subject		Hindi	Title and Paper No.-III	आधुनिक हिंदी कहानी एव व्यवहारिक हिंदी		
Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method	
			Theory	Practical		
1	August 2023	पाठ्यक्रम चर्चा और विश्लेषण	2	0	व्याख्यान पद्धति चर्चा पद्धति	
2	August 2023	हिंदी गद्य साहित्य का सामान्य परिचय, आधुनिक कहानी साहित्य का सामान्य परिचय -बूढ़ी काकी -प्रेमचंद अनुवाद अर्थ , परिभाषा अनुवाद लेखन उस दुनियाँ की ज्योति-जयंती रंगनाथन	14	0	व्याख्यान पद्धति	
3	Sept 2023	जहाँ लक्ष्मी कैद हैं -राजेन्द्र यादव कागज की नावे चांदी के बाल -सुर्यबाला विज्ञापन अर्थ , परिभाषा अनुवाद लेखन नेता -संजीव	16	0	व्याख्यान पद्धति	
4	Oct 2023	बिट्टन मर गयी -जयप्रकाश कर्दम, फैसला-मैत्रेयी पुष्पा, फुलवा -रत्नकुमार सँभरियाँ संवाद कौशल्य	16	0	व्याख्यान पद्धति	
5	Nov 2023	वापसी -उषा प्रियंवदा व्याकरण सराव सराव प्रश्न पत्र	12	0	व्याख्यान पद्धति चर्चा पद्धति	


Teacher



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प्रभारि-आचार्य
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Department of Hindi
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Rokade R.P.			Class and Sem. BAIII Sem.- IV		
Subject Hindi	Title and Paper No.-V		आधुनिक हिंदी रेखाचित्र एवं शब्दसंपदा		
Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec. 2023	पाठ्यक्रम चर्चा और विश्लेषण	2	0	व्याख्यान पद्धति चर्चा पद्धति
2	Dec. 2023	हिंदी गद्य साहित्य का सामान्य परिचय, आधुनिक हिंदी रेखाचित्र साहित्य, परिभाषा स्वरूप एवं विकासयात्रा, गुरुदेव, आधुनिक हिंदी रेखाचित्र साहित्य एवं शब्दसंपदा तुम्हारी स्मृती अनेकार्थक शब्द -परिशिष्ट के आधारपर	14	0	व्याख्यान पद्धति
3	Jan. 2024	घीसा -महादेवी वर्मा, बुधिया-रामवृक्ष बेनीपुरी, वकील साहब -आ. विनय मोहन शर्मा एक नेत्रहीन की दृष्टि एक चित्र -विष्णु प्रभाकर	16	0	व्याख्यान पद्धति
4	Feb. 2024	लल्लू कब लौटोगौ?-बनारसीदास चतुर्वेदी साधूसिंह -कन्हैयालाल मिश्र लोकोक्तियाँ और उनके अर्थ -परिशिष्ट के आधारपर	16	0	व्याख्यान पद्धति
5	March, 2024	जब तक बिमलाएं -चित्रा मुदगुल, वाक्यांश के लिए एक शब्द-परिशिष्ट के आधारपर सराव प्रश्न पत्र	12	0	व्याख्यान पद्धति चर्चा पद्धति


Teacher


Head
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प्रभारी, प्राचार्य
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MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
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DEPARTMENT OF HINDI
TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Dr Salunkhe M.N.		Class and Sem.	BA-. III Sem.- V
Subject	Hindi	Title and Paper No.- VII	विशेष लेखक -भगवानदास मोरवाल -प्रतिनिधि कहानियाँ

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2023	पाठ्यक्रम चर्चा और विश्लेषण	1	0	व्याख्यान पद्धति
2	August, 2023	आधुनिक काल में कहानी साहित्य का स्वरूप भगवानदास मोरवाल व्यक्तित्व और कृतित्व भगवानदास मोरवाल कहानी साहित्य की विशेषताएँ	12	0	व्याख्यान पद्धति चर्चा पद्धति
3	Sept, 2022	भगवानदास मोरवाल का कहानी साहित्य- बस तुम न होते पिताजी ,बियाबान ,सौदा, इनका कहानी के तत्वों के अनुसार विवेचन	16	0	व्याख्यान पद्धति चर्चा पद्धति
4	Oct, 2023	रंग अबीर ,सीढ़िया माँ और उसका देवता, चोट इनका कहानी के तत्वों के अनुसार विवेचन	16	0	व्याख्यान पद्धति चर्चा पद्धति
5	Nov. 2023	वे तीन , छल इनका कहानी के तत्वों के अनुसार विवेचन	16	0	व्याख्यान पद्धति चर्चा पद्धति

M. Salunkhe
 - Teacher

M. Salunkhe
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B. B. B.
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प्रभारत प्राचार्य
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DEPARTMENT OF HINDI
TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Dr Salunkhe M.N.		Class and Sem.	BA-. III Sem.- VI
Subject	Hindi	Title and Paper No.- XII	विशेष लेखक -भगवानदास मोरवाल -शकुंतिका उपन्यास

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January 2024	पाठ्यक्रम चर्चा और विश्लेषण	1	0	व्याख्यान पद्धति चर्चा पद्धति
2	January 2024	आधुनिक काल में उपन्यास साहित्य का स्वरूप ,भगवानदास मोरवाल- व्यक्तित्व और कृतित्व,भगवानदास मोरवाल के उपन्यास उपन्यास साहित्य की विशेषताए	15	0	व्याख्यान पद्धति चर्चा पद्धति
3	Feb, 2024	शकुंतिका उपन्यास का उपन्यास के तत्वों के अनुसार विवेचन शकुंतिका उपन्यास का कथानक	16	0	व्याख्यान पद्धति चर्चा पद्धति
4	March, 2024	शकुंतिका उपन्यास का चरित्र चित्रण एव इस उपन्यास के पात्र परिचय उनकी विशेषताए ,देशकाल वातावरण	16	0	व्याख्यान पद्धति चर्चा पद्धति
5	April, 2024	शकुंतिका उपन्यास का उद्देश ,भाषाशैली ,शीर्षक की सार्थकता	16	0	व्याख्यान पद्धति चर्चा पद्धति

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Department of Hindi
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr Salunkhe M.N.		Class and Sem.	B.A. III Sem.- V
Subject	Hindi	Title and Paper No.- VIII	काव्यशास्त्र

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2023	पाठ्यक्रम चर्चा और विश्लेषण	1	0	चर्चा पद्धति
2	August, 2023	साहित्य - परिभाषा, तत्व, प्रेरणा तथा प्रयोजन भारतीय और पाश्चात्य, शब्द शक्ति - स्वरूप, अभिधा, लक्षणा, व्यंजना	12	0	व्याख्यान पद्धति, चर्चा पद्धति
3	Sept, 2023	कव्यभेद- महाकाव्य, प्रगीत और उसकी सामान्य विशेषताएँ, गजल का सामान्य परिचय	16	0	व्याख्यान पद्धति, चर्चा पद्धति
4	Oct, 2023	गद्य भेद -नाटक - परिभाषा, पाश्चात्य तत्व,उपन्यास - परिभाषा तत्व	16	0	व्याख्यान पद्धति, चर्चा पद्धति
5	Nov. 2023	गद्य भेद-कहानी एकांकी निबंध आत्मकथा जीवनी, संस्मरण रेखाचित्र, रिपोर्टाज का सामान्य परिचय	16	0	व्याख्यान पद्धति, चर्चा पद्धति

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Department of Hindi
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr Salunkhe M.N.		Class and Sem.	B.A. III Sem.- VI
Subject	Hindi	Title and Paper No.- XIII	आलोचना

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January 2024	पाठ्यक्रम चर्चा और विश्लेषण	1	0	चर्चा पद्धति
2	January 2024	बिंब विधान, मिथक, प्रतिक, फंतासी का सामान्य परिचय	15	0	व्याख्यान पद्धति, चर्चा पद्धति
3	Feb, 2024	आलोचना की परिभाषा, स्वरूप, आलोचक के गुण, आलोचना के प्रकार, व्याख्यात्मक, ऐतिहासिक, तुलनात्मक, मार्क्सवादी	16	0	व्याख्यान पद्धति, चर्चा पद्धति
4	March, 2024	विभिन्न विमर्श - स्त्री विमर्श, किसान विमर्श, आदिवासी विमर्श, किन्नर विमर्श	16	0	व्याख्यान पद्धति, चर्चा पद्धति
5	April, 2024	रस की परिभाषा, रस के अंगों का सामान्य परिचय, रस के भेद - शृंगार, वीर, करुण, अदभुत, भयानक, रौद्र, बीभत्स, हास्य शान्त रस का सोदाहरण परिचय	16	0	व्याख्यान पद्धति, चर्चा पद्धति
6	May,	सराव प्रश्न पत्र			चर्चा पद्धति

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 Teacher

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Department of Hindi
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Rokade R.P.			Class and Sem.		BA-. III Sem.- V
Subject	Hindi	Title and Paper No.IX	आदिकालीन और मध्यकालीन हिंदी साहित्य का इतिहास		
Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August 2023	पाठ्यक्रम चर्चा और विश्लेषण	1	0	व्याख्यान पद्धति चर्चा पद्धति
2	August 2023	हिंदी साहित्य का काल विभाजन तथा नामकरण आदिकाल की सामाजिक एव राजकीय परिस्थितियाँ	15	0	व्याख्यान पद्धति चर्चा पद्धति
3	Sept 2023	आदिकालीन साहित्य की विशेषताएँ, प्रतिनिधि रचनाएँ पृथ्वीराज रासो, बीसलदेव रासो प्रतिनिधि रचनाकार-अमीर खुसरो और विद्यापति	16	0	व्याख्यान पद्धति चर्चा पद्धति
4	Oct 2023	भक्तिकाल की सामाजिक एव राजकीय परिस्थितियाँ ज्ञानाश्रयी शाखा की विशेषताएँ, कबीर का सामान्य परिचय, प्रेमाश्रयी शाखा की विशेषताएँ, जायसी का सामान्य परिचय तुलसीदास, सूरदास का सामान्य परिचय	16	0	व्याख्यान पद्धति चर्चा पद्धति
5	Nov 2023	रामभक्ति शाखा और कृष्णभक्ति शाखा की विशेषताएँ, भक्तिकाल और रीतिकालीन साहित्य की विशेषताएँ, प्रमुख रचनाकार-भूषण, बिहारी	12	0	व्याख्यान पद्धति चर्चा पद्धति


Teacher


Head

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Principal

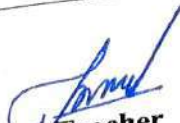
के.एन.भिसे आर्ट्स कॉलेज अण्ड
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विद्यानगर भोसारे


Department of Hindi

Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Rokade R.P.		Class and Sem.	BA- III Sem.- VI
Subject	Hindi	Title and Paper No.-XIV	आधुनिक हिंदी साहित्य का इतिहास

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec. 2023	पाठ्यक्रम चर्चा और विश्लेषण	2	0	व्याख्यान पद्धति चर्चा पद्धति
2	Dec. 2023	हिंदी साहित्य का काल विभाजन आधुनिक हिंदी काव्य का सामान्य परिचय, आधुनिक काव्यधाराओं का सामान्य परिचय काव्य का उद्भव और विकास	14	0	व्याख्यान पद्धति
3	Jan. 2024	विविध प्रवृत्तियाँ - छायावाद, प्रगतिवाद, प्रयोगवाद हिंदी स्त्रीवादी कविता, हिंदी दलित कविता	16	0	व्याख्यान पद्धति
4	Feb. 2024	आधुनिक गद्य विधाओं का उद्भव और विकास - उपन्यास, कहानी, नाटक, एकांकी	16	0	व्याख्यान पद्धति
5	March, 2024	रचनाकारों का सामान्य परिचय - मोहन राकेश, मृदुला गर्ग, मैत्रीयी पुष्पा, नरेद्र कोहली, अमरकांत, मन्नू भंडारी, संजीव	12	0	व्याख्यान पद्धति चर्चा पद्धति


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Principal

Madha Taluka Shikshan Prasarak Mandal's
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VIDYANAGAR, BHOSARE
NAAC Re- accredited 'A' Grade
Paranda Road, Kurduwadi Tal- Madha Dist- Solapur Pin- 413 208 (Maharashtra)

Department of Hindi
Teaching Plan for the Year 2023- 24

Name of the Teacher: Prof. Dr Salunkhe M.N.		Class and Sem.	B.A. III Sem.- V
Subject	Hindi	Title and Paper No.- X	प्रयोजनमूलक हिंदी

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August, 2023	पाठ्यक्रम चर्चा विश्लेषण	1	0	व्याख्यान प्रणाली,
2	August, 2023	प्रयोजनमूलक हिंदी का अर्थ, परिभाषा, महत्व, स्वरूप व्यवहार क्षेत्र, उसकी उपयोगिता	12	0	व्याख्यान प्रणाली, चर्चा पद्धति
3	Sept, 2023	जनसंचार माध्यम - समाचार लेखन के तत्व, गुण, पटकथा लेखन, वृत्तान्त लेखन - सामाजिक, राजनितिक, सांस्कृतिक, शैक्षणिक संदर्भ	16	0	व्याख्यान प्रणाली, चर्चा पद्धति
4	Oct, 2023	कार्यालयिन पत्राचार - स्वरूप, प्रकार, नौकरी के लिए आवेदन पत्र, पदाधिकारियों के नाम पत्र, सरकारी पत्र	16	0	व्याख्यान प्रणाली, चर्चा पद्धति
5	Nov. 2023	कोश ग्रंथ, परिभाषिक शब्दावली, हिंदी पत्र पत्रिकाए, हिंदी पोर्टल और वेबसाईट,	16	0	व्याख्यान प्रणाली, चर्चा पद्धति

M. Salunkhe
Teacher

M. Salunkhe
Head

B. B. B.
Principal

Head, Department of Hindi
K. N. B. Arts, Commerce & V. P. S. College, Rhosare

प्रभारी प्राचार्य
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विनायकराव पाटील सायन्स कॉलेज,
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Department of Hindi
Teaching Plan for the Year 2023- 24

Name of the Teacher: Prof. Dr Salunkhe M.N.		Class and Sem.	BA- . III Sem.- VI
Subject	Hindi	Title and Paper No.- XV	व्यवहारिक हिंदी

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	January 2024	पाठ्यक्रम चर्चा विश्लेषण	1	0	चर्चा पद्धति
2	January 2024	अनुवाद का व्युत्पत्तिमुलक अर्थ, अनुवाद की परिभाषा, अनुवादक के गुण , अनुवाद का महत्व, अनुवाद के प्रकार, अनुवाद की विशेषताए	15	0	व्याख्यान पद्धति चर्चा पद्धति
3	Feb 2024	विज्ञापन का व्युत्पत्तिमुलक अर्थ, परिभाषा के प्रकार, महत्व, तत्व	16	0	चर्चा पद्धति व्याख्यान पद्धति
4	March, 2024	वाणिज्य पत्राचार, निख पत्र, पूछताछ पत्र, भुगतान पत्र, क्रयादेश पत्र, शिकायती पत्र	16	0	चर्चा पद्धति व्याख्यान पद्धति
5	April, 2024	आकाशवाणी, मिडिया में हिंदी, बैंकों में प्रयुक्त हिंदी, प्रेस, रेल में हिंदी, हिंदी ब्लॉग, वेबसाईट, बायोडाटा लेखन वृत्तान्त लेखन,	16	0	चर्चा पद्धति व्याख्यान पद्धति


- Teacher


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 प्रभारी प्राचार्य
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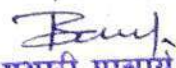
Department of Hindi
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Rokade R.P.		Class and Sem.	BA-. III Sem.- V
Subject	Hindi	Title and Paper No.XI	हिंदी भाषा

Sr · N o.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	August 2023	पाठ्यक्रम चर्चा और विश्लेषण	2	0	व्याख्यान पद्धति चर्चा पद्धति
2	August 2023	भाषा परिभाषा और रूप -भाषा की परिभाषा,उसकी विशेषताए, भाषा के विविध रूप बोली परिनिष्ठित भाषा, राजभाषा, राष्ट्रभाषा भाषा	14	0	व्याख्यान पद्धति चर्चा पद्धति
3	Sept 2023	हिंदी भाषा और बोलियाँ -हिंदी शब्द की व्युत्पत्ति एवं हिंदी भाषा का उद्भव और विकास हिंदी की प्रमुख बोलियाँ -ब्रज, अवधि, मैथिलि,भोजपुरी,खड़ीबोली	15	0	व्याख्यान पद्धति चर्चा पद्धति
4	Oct 2023	हिंदी भाषा समूह और कौशल्य -हिंदी का शब्द समूह -तत्सम, तदभव,देशज,विदेशी शब्दों का सामान्य परिचय, भाषा कौशल्य -श्रवण, पठन,मौखिक,अभिव्यक्ति,लेखन कौशल्य	15	0	व्याख्यान पद्धति चर्चा पद्धति
5	Nov 2023	देवनागरी लिपि -उद्भव एव विकास, उसकी विशेषताए और वैज्ञानिकता	12	0	व्याख्यान पद्धति चर्चा पद्धति


Teacher

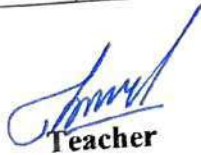

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KNBAC & VPS College Bhosare


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विद्यानगर भोसारे

Department of Hindi
Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Rokade R.P.		Class and Sem.	BA-. III Sem.- VI
Subject	Hindi	Title and Paper No. XVI	भाषाविज्ञानं

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
2	Dec. 2023	भाषाविज्ञान की परिभाषा नामकरण एव इतिहास भाषाविज्ञान विज्ञान है या कला भाषाविज्ञान की व्याकरण से तुलना	15	0	व्याख्यान पद्धति चर्चा पद्धति
3	Jan. 2024	ध्वनि विज्ञान -स्वन विज्ञान स्वन का अर्थ,परिभाषा ,भाषा ध्वनि, ध्वनियंत्र और उसकी कार्यप्रणाली उच्चारण प्रक्रिया,स्वन गुण	16	0	व्याख्यान पद्धति चर्चा पद्धति
4	Feb. 2024	पद विज्ञान -शब्द और पद ,पद और संबंध तत्व के प्रकार वाक्य विज्ञान-वाक्य की परिभाषा,वाक्य की आवश्यकताए ,अर्थ और रचना की दृष्टी से वाक्य के प्रकार	16	0	व्याख्यान पद्धति चर्चा पद्धति
5	March, 2024	अर्थविज्ञान -शब्द और अर्थ का संबंध,अर्थपरिवर्तन की दिशाएं, अर्थ परिवर्तन के प्रमुख कारण समाज भाषाविज्ञान स्वरूप एव संकल्पना ,भाषा और संस्कृती	12	0	व्याख्यान पद्धति चर्चा पद्धति


Teacher


Head

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 विद्यानगर भोसारे

Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr. P.S. Kamble		Class and Sem.	B. A. II Sem. IV
Subject	Marathi (Opt.)	Title and Paper No.	ललित गद्य व उपयोजित मराठी- V हिरव्या वाटा--निर्मलकुमार फडकुले

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	2	0	Lecture, Interactive
2	Dec.	ललित गद्य:संकल्पना व स्वरूप अ. ललित गद्य :संकल्पना व स्वरूप ब. ललित गद्यसंज्ञा व व्याख्या क. मराठी ललित गद्यवाटचाल	15	0	Lecture, Interactive, ICT, Problem Solving
3	Jan.	2निर्मलकुमार फडकुले:जीवन व साहित्य अ .निर्मलकुमार फडकुले :परिचय ब. निर्मलकुमार फडकुले :व्यक्ती आणि वांगमय क.निर्मलकुमार फडकुलेयांची ललित गद्य विषयक भूमिका	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	Feb.	2. हिरव्या वाटा--स्वरूपव समीक्षा 3. अ. समाजचित्रण ब. आशयसूत्रे क. जीवनदर्शन	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text

		५. वांगमय विशेष			
5	March	4.. उपयोजित मराठी :१. सारांश लेखन म्हणजे काय? २ . सारांश लेखन घटक व महत्व	15	0	Lecture, Interactive, ICT, Problem Solving
6	April.	3. सारांश लेखन स्वरूप 4. सारांश लेखन नमुने	13	0	Lecture, Problem Solving

Bay
Teacher

Bay
Head
Head, Department of Marathi
KNBAC & VPS College, Bhosare

Bay
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वैनायकराव पार्टील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर



Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr. P.S. Kamble		Class and Sem.	B. A. II Sem. III
Subject	Marathi (Opt.)	Title and Paper No.	कविता वांग्मय प्रकार आणि काव्यास्वाद (सेतू) वसंत बापट IV

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	2	0	Lecture, Interactive
2	August	1.कविता :संकल्पना व स्वरूप अ. कविता :संकल्पना व स्वरूप ब. कविता संज्ञा व व्याख्या क. मराठी कवितेची वाटचाल	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	2.वसंत बापट :जीवन व साहित्य अ .वसंत बापट :परिचय ब. लेखक:व्यक्ती आणि वांग्मय क.वसंत बापट यांची काव्यविषयक भूमिका	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	Oct.	3.सेतू कवितासंग्रहाचे स्वरूप व समीक्षा :अ.कवितांचे वर्गीकरण ब. कवितांची आशयसूत्रे	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text

5	nov	क. कवितामयीस जीवनादर्शन इ. कवितांची भाषा	13	0	Problem Solving.
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Teacher
Bany

Bany
Head

Head, Department of Marathi
KNBAC & VPS College, Bhosare.

Bany
Principal

प्रमारी प्राचाय
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Teaching Plan for the Year 2023-24


Name of the Teacher: Dr. S.V .Mohite		Class and Sem.	B. A. II Sem. III
Subject	Marathi (Opt.)	Title and Paper No.	कादंबरी वांग्मय प्रकार व उपयोजित मराठी- . III वारणेचा वाघ -अण्णाभाऊ साठे

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	2	0	Lecture, Interactive
2	July	कादंबरी:संकल्पना व स्वरूप अ. कादंबरी:संकल्पना व स्वरूप ब. कादंबरीसंज्ञा व व्याख्या क. मराठी कादंबरीची वाटचाल	15	0	Lecture, Interactive, ICT, Problem Solving
3	August	2.अण्णाभाऊ साठे:जीवन व साहित्य अ.अण्णाभाऊ साठे : परिचय	15	0	Lecture, Interactive, ICT, Problem Solving
4	Sept	ब. अण्णाभाऊ साठे :व्यक्ती आणि वांग्मय			Lectur
5	Oct.	3.वारणेचा वाघ-स्वरूप व समीक्षा अ. वारणेचा वाघ कादंबरीचे कथानक ,व्यक्तिरेखा,घटनाप्रसंग ,वातावरण	15	0	Lecture, Interactive, ICT, Problem Solving,



6	Nov.	ब. वारणेचा वाघ कादंबरी व चित्रपट यातील माध्यमांतर	13	0	Screening movie of the Text
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Teacher


Head
Head, Department of Marathi
KNBAC & VPS College, Bhosary.


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प्रभारी प्राचार्य
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Teaching Plan for the Year 2023-24

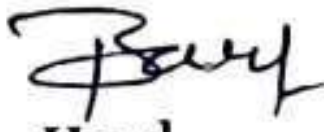
Name of the Teacher: Dr. S.V .Mohite		Class and Sem.	B. A. II Sem. IV
Subject	Marathi (Opt.)	Title and Paper No.	नाटक वांग्मय प्रकार व उपयोजित मराठी- VI प्रेमा, तुझा रंग कसा?(नाटक)-वसंत कानेटकर

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	2	0	Lecture, Interactive
2	Dec.	1.नाटक वांग्मय प्रकार:संकल्पना व स्वरूप अ. नाटक:संकल्पना व स्वरूप ब. नाटकएक साहित्यप्रकार क. नाटकाचे घटक	15	0	Lecture, Interactive, ICT, Problem Solving
3	Jan.	2. वसंत कानेटकर:जीवन व साहित्य अ.वसंत कानेटकर :परिचय ब.वसंत कानेटकर :व्यक्ती आणि वांग्मय क.वसंत कानेटकर यांची नाट्यविषयक विषयक भूमिका	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	Feb.	3.प्रेमा, तुझा रंग कसा?-नाटकाचेस्वरूपव समीक्षा ब. पात्रचित्रण	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of



		क. घटनाप्रसंग ड.संवाद व भाषा			the Text
5	March	4. उपयोजित मराठी १.अहवाल म्हणजे काय?	15	0	Lecture, Interactive, ICT, Problem Solving
6	April.	२. अहवाल लेखन घटक व महत्व 3. अहवाल लेखन स्वरूप	13	0	Problem Solving


Teacher


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Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr. P.S. Kamble		Class and Sem.	B. A. III Sem. V
Subject	Marathi (Opt.)	Title and Paper No.	आधुनिक मराठी साहित्यातील विविध प्रवाह

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	2	0	Lecture, Interactive
2	July	1.ग्रामीण साहित्य अ. ग्रामीण साहित्य :संकल्पना व स्वरूप ब. .ग्रामीण साहित्याची प्रेरणा क. ग्रामीण साहित्य :भाषा	15	0	Lecture, Interactive, ICT, Problem Solving
3	August	1. नेमलेली कलाकृती -चैत (कादंबरी) अ .कादंबरी स्वरूप ब. लेखक:व्यक्ती आणि वांगमय क.कादंबरी स्वरूप , वैशिष्ट्ये ड. साहित्याची भाषा	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	Sept.	3.दलित साहित्य : अ.दलित साहित्य:प्रेरणा,स्वरूप, वैशिष्ट्ये ब. दलित साहित्य:वाटचाल क.दलित साहित्याची सामाजिक व सांस्कृतिक पार्श्वभूमी	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text

5	Oct.	1. भोगलेली कलाकृती : आंदकोळ (भित्तीन घट्टाण)	10	0	Lecture, Interactive, ICT, Problem Solving
6.	Nov.	1. दलित आत्मकथन स्वरुप व वाटघाल 2. लेखक : व्यक्ती व वांगमय 3. आंदकोळआत्मकथनाचे स्वरुप	03	0	Problem Solving


Teacher


Head
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Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Sarika Vishnudas Mohite		Class and Sem.	B. A. III Sem. V
Subject	Marathi (Opt.)	Title and Paper No.	मध्ययुगीन मराठी वाङ्मयाचा इतिहास

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	2	0	Lecture, Interactive
2	August	1.मराठी भाषा उत्पत्ती काळ व आद्य ग्रंथ : अ. मराठी भाषेचा उत्पत्ती विचार ब. मराठी भाषा उत्पत्ती काळ क.मराठीतील आद्य ग्रंथ स्वरूप व विशेष ड .मराठी भाषेची ग्रंथ परंपरा	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	2.महानुभवीय वाङ्मय :प्रेरणा,स्वरूप वैशिष्ट्य अ महानुभवीय संप्रदाय विचार व कार्य ब.महानुभवीय वाङ्मय :प्रेरणा,स्वरूप वैशिष्ट्य क.महानुभवीय वाङ्मय : स्वरूप	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	Oct.	वारकरी संप्रदाय :प्रेरणा,स्वरूप वैशिष्ट्ये अ .वारकरी संप्रदायस्वरूप ब. वारकरी संप्रदायविचार व कार्य क .संत ज्ञानेश्वर ड.संत मेला	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text



5	Nov.	4.वारकरी संप्रदायातील संतविद्य १.संत नामदेव २.संत एकनाथ ३.संत तुकाराम 4.वारकरी साहित्याची वैशिष्ट्ये	15	0	Lecture, Interactive, ICT, Problem Solving
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Teacher


Head
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KNBAC & VPS College, Bhosare


Principal
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के.एन.मिसे आर्ट्स, कॉमर्स अँड
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Teaching Plan for the Year 2023-24


Name of the Teacher: Prof. Dr. P.S. Kamble		Class and Sem.	B. A. III Sem. VI
Subject	Marathi (Opt.)	Title and Paper No.	आधुनिक मराठी साहित्यातील विविध प्रवाह


Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	2	0	Lecture, Interactive
2	Jan.	1.ग्रामीण साहित्य अ. ग्रामीण साहित्य :संकल्पना व स्वरूप ब. .ग्रामीण साहित्याची प्रेरणा क. ग्रामीण साहित्य :भाषा	15	0	Lecture, Interactive, ICT, Problem Solving
3	Feb.	नेमलेली कलाकृती -चैत (कादंबरी) अ .कादंबरी स्वरूप ब. लेखक:व्यक्ती आणि वांगमय क.कादंबरी स्वरूप , वैशिष्ट्ये ड. साहित्याची भाषा	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	March	3.दलित साहित्य : अ.दलित साहित्य:प्रेरणा,स्वरूप, वैशिष्ट्ये ब. दलित साहित्य:वाटचाल क.दलित साहित्याची सामाजिक व सांस्कृतिक पार्श्वभूमी	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text
5	April.	1. नेमलेली कलाकृती :आंदकोळ (किसन चव्हाण) :१.दलित आत्मकथन स्वरूप व वाटचाल	15	0	Lecture, Interactive, ICT, Problem Solving



		२. लेखक व्यक्ती व वाग्मय			
		३. आंदकोळआत्मकथनाचे स्वरूप			


Teacher


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विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Sarika Vishnudas Mohite		Class and Sem.	B. A. III Sem. VI
Subject	Marathi (Opt.)	Title and Paper No.	मध्ययुगीन मराठी वाण्मयाचा इतिहास

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	2	0	Lecture, Interactive
2	Dec.	1.पंडिती वांग्मय अ. पंडिती वांग्मयप्रेरणा,स्वरूप वैशिष्ट्य ब. .मुक्तेश्वर क.रघुनाथ पंडित ड .वामन पंडित	15	0	Lecture, Interactive, ICT, Problem Solving
3	Jan.	2.शाहिरी वांग्मय :प्रेरणा,स्वरूप वैशिष्ट्य अ शाहिरी वांग्मय :प्रेरणा,स्वरूप वैशिष्ट्य ब.अनंत फंदी क.परशुराम ड.प्रभाकर ई.राम जोशी व होनाजी बाळा	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text

4	Feb.	3. बखर वांगमय: पेरणा, स्वरूप वैशिष्ट्ये अ. बखर वांगमय : पेरणा, स्वरूप वैशिष्ट्ये ब. महिकावतीची बखर क. सभासद बखर ड. पानिपत बखर ई. आज्ञापत्र	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text
5	March	4. मध्ययुगीन कालखंडातील अन्य संप्रदाय १. दत्त संप्रदाय २. वीरशैव संप्रदाय	08	0	Lecture, Interactive, ICT, Problem Solving
6	April.	3. नागेश संप्रदाय 4. समर्थ संप्रदाय	05		

Qite

Teacher

Bay
Head

Head, Department of Marathi
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Bay
Principal

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TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Prof. Dr. P.S.Kamble		Class and Sem.	B. A. III Sem. V
Subject	Marathi	Title and Paper No.	भाषाविज्ञान व व्याकरण

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	August	1	0	Lecture, Interactive
2	August	भाषा:संकल्पना व स्वरूप <ul style="list-style-type: none"> • भाषा :शब्दार्थ व्याख्या • भाषेचे घटक :ध्वनी,शब्द ,अर्थ • भाषिक व भाषेतर संप्रेषण 	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	भाषाभ्यासाची परंपरा <ul style="list-style-type: none"> • प्राचीन भाषाभ्यास • ऐतिहासिक भाषाभ्यासाचे स्वरूप • अंतर्वर्तुळ -बहिर्वर्तुळ सिध्दांत • मराठी भाषेची पूर्वपीठीका 	15	0	Lecture, Interactive, ICT, Problem Solving
4	Oct.	भाषिक परिवर्तन <ul style="list-style-type: none"> • भाषिक परिवर्तनाचे स्वरूप • ध्वनिपरिवर्तन:करणे व प्रकार • अर्थपरिवर्तन: करणे व प्रकार 	15	0	Lecture, Interactive, ICT, Problem Solving
5	Nov.	मराठीचे व्याकरण <ul style="list-style-type: none"> • व्याकरण स्वरूप • मराठीची वर्णमाला • शब्दांचे प्रकार 	15	0	Lecture, Interactive, ICT, Problem Solving

Prof
Teacher

Prof
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Head, Department of Marathi
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Prof
Principal
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विद्यानगर भोसरे, जि.सोलापूर

Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr. P.S.Kamble		Class and Sem.	B. A. III Sem. VI
Subject	Marathi	Title and Paper No.	भाषाविज्ञान व व्याकरण-

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	अभ्यासक्रमावर चर्चा	-	-	-
2	Jan	1 वर्णनात्मक भाषा विज्ञान संकल्पना व स्वरूप <ul style="list-style-type: none"> • वर्णनात्मकभाषा विज्ञान: • वर्णनात्मकभाषा विज्ञानाचे वेगळेपण • स्वनिमविचार 	15	0	Lecture, Interactive, ICT, Problem Solving
3	Feb.	मराठी भाषा आणि बोली <ol style="list-style-type: none"> 1. भाषा आणि बोली संकल्पना 2. प्रमाणभाषा आणि बोली यांचे स्वरूप 3. मराठीच्या बोलींचे स्वरूप 	15	0	Lecture, Interactive, ICT, Problem Solving
4	March	मराठी भाषेवरील इतर भाषांचा परिणाम <ol style="list-style-type: none"> 1. भाषिक परिणामांचे स्वरूप 2. मराठी आणि फारशी 3. मराठी आणि हिंदी 4. मराठी आणि इंग्रजी 	15	0	Lecture, Interactive, ICT, Problem Solving
5	April	मराठीचे व्याकरण <p>प्रयोग आणि त्याचे प्रकार</p>	15	0	Lecture, Interactive, ICT, Problem Solving

P.S.Kamble
Teacher

P.S.Kamble
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Head, Department of Marathi
KNBAC & VPS College, Bhosara.

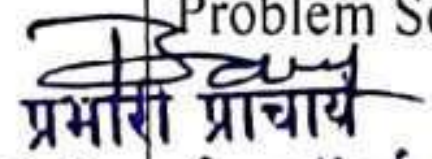
P.S.Kamble
Principal
प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
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विद्यादाय प्रिये वि प्रोत्साहक



Teaching Plan for the Year 2023-24


Name of the Teacher: Dr. Mohite Sarika Vishnudas		Class and Sem.	B. Com. I Sem. II
Subject	Marathi (Compulsory)	Title and Paper No.	साहित्यदर्पण (Compulsory)

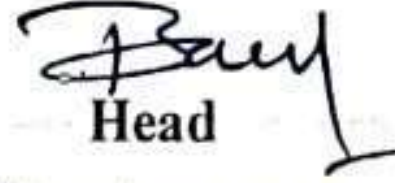
Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	1	0	Lecture, Interactive
2	Jan..	गद्य विभाग 1.राजकर्तव्य 2.भारतीय लोकशाहीचे भवितव्य काय? 3.जीवन आणि शिक्षण 4.कला आणि साहित्य	15	0	Lecture, Interactive, ICT, Problem Solving
3	Feb.	पद्य विभाग CONTRADICTION DISCUSSION 1.संतवाणी <ul style="list-style-type: none"> • विटेवरी उभा दीनांचा कैवारी • अवघा रंग एक झाला • ओले मूळ भेदी खडकाचे अंग 2.फुलराणी 3.सरीवर सरी आल्या गं	15	0	Lecture, Interactive, ICT, Problem Solving
4	March	4. रक्तामध्ये ओढ मातीची 5. बाप 6.दसरा	15	0	Lecture, Interactive, ICT, Problem Solving


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 विद्यानगर भोसरे, जि.सोलापूर




		कौशल्यावर आधारित घटक			
5	April	1.निबंध लेखन 2.निबंधाचे स्वरूप व घटक 3.निबंधाचे प्रकार 4. निबंधाचे सराव	15	0	Lecture, Interactive, ICT, Problem Solving


Teacher


Head

Head, Department of Marathi
KNBAC & VPS College, Bhosara.


प्रभारी प्राचार्य
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कॉमर्स अँड विनायकराव पाटील सायन्स
कॉलेज, विद्यानगर भोसरे, जि. सोलापूर



MADHA TALUKA SHIKSHANPRASARAK MANDAL'S
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PARANDA ROAD, KURDUWADI TAL-MADHA DIST-SOLAPUR PIN-413 208 (MAHARASHTRA)

TEACHING PLAN FOR THE YEAR 2023-24

Name of the Teacher: Dr. Mohite Sarika Vishnudas		Class and Sem.	B. Com. I Sem. I
Subject	Marathi (Compulsory)	Title and Paper No.	साहित्यदर्पण (Compulsory)

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	1	0	-
2	August	गद्य विभाग 1.लेकरुवासवे आरोगणे 2.अहिल्यबाई आणि रुढी परंपरा 3.नवीन ग्रंथांची आवश्यकता 4.परोपकारी गंपू	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	5.वाटणी 6.अनगड पद्य विभाग 1.संतवाणी <ul style="list-style-type: none"> • अवचिता परिमळू • विठू माझा लेकरवाळा • नीति 2.सत्य सर्वांचे आदी घर	15	0	Lecture, Interactive, ICT, Problem Solving

		3.प्रेम आणि गरण			
		4.अखेर कमाई			
4	Oct.	5. भेटेन नऊ महिन्यांनी 6.माणूस 7.प्रगतिपुस्तक	15	0	Lecture, Interactive, ICT, Problem Solving
		कौशल्यावर आधारित घटक			
		1.इंटरनेट आणि मराठी			
5	Nov.	2.मराठी विकिपीडिया 3.प्रमाण मराठी लेखन नियम 4. प्रमाण मराठी लेखन नियमानुसार सराव	15	0	Lecture, Interactive, ICT, Problem Solving

Teacher,

Head,
Head, Department of Marathi
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Principal,
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फ.एन.मिसि ज्युनि. कॉलेज ऑफ आर्ट्स
फॉर्मर्स अँड विनायकराव पाटील सायन्स
कॉलेज, विद्यानगर भोसरे, जि.सोलापूर




Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Sarika Vishnudas Mohite		Class and Sem.	B. A. III Sem. V
Subject	Marathi (Opt.)	Title and Paper No.	साहित्यशास्त्र

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	2	0	Lecture, Interactive
2	August	1.साहित्याची लक्षणे : अ.भारतीय साहित्य शास्त्राचा स्थूल परिचय :शब्द,रस,रिती,वक्रोक्ती ,औचीत्य या सिद्धांताच्या अनुरोधाने ब.पाश्चात्य साहित्य लक्षणांचा स्थूल परिचय :कल्पना ,भावना ,	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	2.साहित्याचे प्रयोजन : अ प्राचीन ब.आधुनिक	15	0	Lecture, Interactive, ICT, Problem Solving
4	Oct.	3.साहित्यनिर्मितीची जनक कारणे : अ .साहित्यनिर्मितीचे स्वरूप ब.कल्पनाशक्ती ,मानसिक स्वास्थ्य	15	0	Lecture, Interactive, ICT, Problem Solving,
5	Nov.	4.शब्दशक्ती :१.अभिधा २ .लक्षणा ३.व्यंजना	15	0	Lecture, Interactive, ICT, Problem Solving


Teacher


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Head, Department of Marathi
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Principal
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विनायकराव पाटील सायन्स कॉलेज

Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Sarika Vishnudas Mohite		Class and Sem.	B. A. III Sem. VI
Subject	Marathi (Opt.)	Title and Paper No.	साहित्यशास्त्र

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	2	0	Interactive
2	Dec.	1. रसविचार <ul style="list-style-type: none"> • रस म्हणजे काय? • रस संकल्पना व स्वरूप • रससंख्या • भरतमुनीचेरससुत्र 	15	0	Lecture, Interactive, ICT, Problem Solving
3	Jan.	2. काव्यानंदमीमांसा <ul style="list-style-type: none"> • काव्यानंद कसा प्राप्त होतो? • काव्यानंद उपपत्ती 	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	Feb.	3. साहित्यप्रकारांचा अभ्यास <ul style="list-style-type: none"> • कविता • कथा • कादंबरी • नाटक 	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text
5	March	4. साहित्यमूल्ये <ul style="list-style-type: none"> • भावनाशीलता • काल्पनिकता • अनुभवशीलता 	15	0	Lecture, Interactive, ICT, Problem Solving
6	April.	सराव			


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अहमदनगर महाराष्ट्र

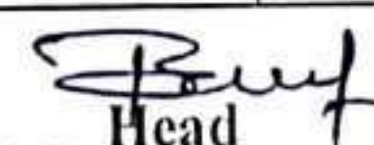
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K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE COLLEGE,
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Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Sarika Vishnudas Mohite		Class and Sem.	B. A. III Sem. V
Subject	Marathi (Opt.)	Title and Paper No.	उपयोजित मराठी

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	2	0	Lecture, Interactive
2	August	1.कार्यालयीन पारिभाषिक शब्द : अ. पारिभाषिक शब्द स्वरूप ब. कार्यालयीन पारिभाषिक शब्द क.न्यायालयीन पारिभाषिक शब्द 2.पारिभाषिक शब्द निर्माण करून घेऊन त्याचा संग्रह करणे	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	2.ई-मराठी लेखन : अ ई-पत्र लेखन ब. ई-ब्लॉग	15	0	Lecture, Interactive, ICT, Problem Solving
4	Oct.	3.मुद्रितशोधन : अ .मुद्रितशोधन म्हणजे काय?	15	0	Lecture, Interactive, ICT, Problem Solving,
5	Nov.	स्पर्धा परीक्षेतील मराठी भाषेचे महत्व १.विविध स्पर्धा परीक्षांचे स्वरूप व मराठी भाषेचे महत्व	15	0	Lecture, Interactive, ICT, Problem Solving


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विद्यानगर भोसारे जि.सोलापूर

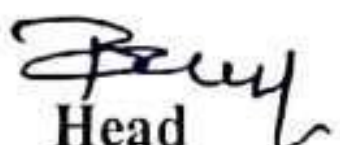


Teaching Plan for the Year 2023-24

Name of the Teacher: Dr. Sarika Vishnudas Mohite		Class and Sem.	B. A. III Sem. VI
Subject	Marathi (Opt.)	Title and Paper No.	उपयोजित मराठी

Sr. No	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	Dec.	Syllabus Discussion	2	0	Lecture, Interactive
2	Dec.	जाहिरात लेखन <ul style="list-style-type: none"> • जाहिरात लेखन संकल्पना व स्वरूप • जाहिरात लेखन व मराठी भाषेचे कौशल्य 	15	0	Lecture, Interactive, ICT, Problem Solving
3	Jan.	3. निवेदन कौशल्य <ul style="list-style-type: none"> • निवेदनस्वरूप व व्याप्ती • निवेदन कौशल्यमहत्व व प्रकार • आकाशवाणीसाठी निवेदनकौशल्य 	15	0	Lecture, Interactive, ICT, Problem Solving Screening movie of the Text
4	Feb.	3. ग्रंथ परीक्षण <ul style="list-style-type: none"> • ग्रंथ परीक्षण: स्वरूप • कथासंग्रह परीक्षण • नाटक परीक्षण • कवितासंग्रह परीक्षण 	15	0	Lecture, Interactive, ICT, Problem Solving, Screening movie of the Text
5	March	4. स्वानुभवपर ललित लेखन <ul style="list-style-type: none"> • ललित लेखन संकल्पना, स्वरूप • प्रवासवर्णनपर, निसर्गवर्णनपर, स्थलवर्णनपर लेखन 	08	0	Lecture, Interactive, ICT, Problem Solving
6	April.	सराव	05	0	Problem Solving


 Teacher


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 बंधानगर, भोसरे, जि. सोलापूर

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Teaching Plan for the Year 2023-24

Name of the Teacher: Prof.Dr. Kamble Prakash Sadashiv		Class and Sem.	B. A. I Sem. I
Subject	Marathi (Opt.)	Title and Paper No.	-साहित्यरंग (Opt.)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theory	Practical	
1	July	Syllabus Discussion	1	0	Lecture, Interactive
2	August	कथा 1. डोळे :अण्णाभाऊ साठे 2. डुंगळी चोर 3. मिटींग	15	0	Lecture, Interactive, ICT, Problem Solving
3	Sept.	4. वाट : चारुता सागर 5. भूक : बाबुराव बागूल 6. यंत्रमानवाच्या हाताने	15	0	Lecture, Interactive, ICT, Problem Solving
4	Oct.	7. पक्षी जाय दिगंतरा 8. हातचा एक 9. बाबांचा अभ्यास :द.मा.मिरासदार	15	0	Lecture, Interactive, ICT, Problem Solving
5	Nov.	कौशल्यावर आधारित घटक	15	0	Lecture, Interactive, Problem Solving

Prakash
Teacher

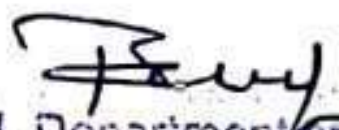
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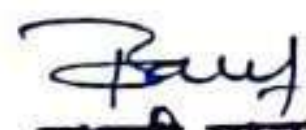
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विद्यानगर भोसरे, जि. सोलापूर

Teaching Plan for the Year 2023-24

Name of the Teacher: Prof. Dr. Kamble Prakash Sadashiv		Class and Sem.	B. A. I Sem. II
Subject	Marathi (Opt.)	Title and Paper No.	साहित्यरंग (Opt.)

Sr. No.	Month	Name of the topic/subtopic	Total Hours Required		Teaching Method
			Theor y	Practic al	
1	Dec.	Syllabus Discussion	1	0	Lecture, Interactive
2	Jan	कविता 1. केशवसुत : अ. नवा शिपाई ब. प्रीती 2. विंदा करंदीकर : अ. घेता ब. सब घोडे बारा टक्के 3. ग. दि. माडगूळकर : अ. हे राष्ट्र देवतांचे ब. विठ्ठला, तू वेडा कुंभार	15	0	Lecture, Interactive, ICT, Problem Solving
3	Feb	4. मंगेश पाडगावकर : अ. सांगा कस जगायचे ? ब. ग्रंथ आमुचे साथी 5. मुनेरबी शेख : अ. आई बापान लेक दिली 6. नामदेव ढसाळ : अ. दर्ग्याच्या वाटेवर ब. येथला प्रत्येक हंगाम	15	0	Lecture, Interactive, ICT, Problem Solving
4	March	7. शांता शेळके : अ. असेन मी नसेन मी ब. पैठणी 8. प्रजा लोखंडे : अ. काजळी ब. अर्थ	15	0	Lecture, Interactive, ICT, Problem Solving


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 विद्यानगर भोसरे, जि. सोलापूर

		कौशल्यार आधारित घटक			
5	April	1.कार्यालयीन पत्रव्यवहार 2.आवक जावक 3.मागणी अर्ज 4.परिचय पत्र लेखन	15	0	Lecture, Interactive, ICT, Problem Solving

[Signature]
Teacher

[Signature]
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Head, Department of Marathi
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Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Taluka-Madha. Dist- Solapur

Department of History
Question Bank BA-II

Academic Year:- 2023-24

प्रश्न कं.१ योग्य पर्याय निवडून खालील प्रश्नांची उत्तरे द्या .

१. आधुनिक भारताचा जनक म्हणून कोण ओळखला जातो .
अ) राजा राममोहन रॉय
क) स्वामी दयानंद सरस्वती
व) महात्मा गांधी
ड) लोकमान्य टिळक
२. १८१५ साली आल्मिय सभेची स्थापना कोणी केली .
अ) रविदनाथ टागोर
क) स्वामी दयानंद सरस्वती
व) महात्मा गांधी
ड) राजा राममोहन रॉय
३. शेवटच्या मोगल शासक कोण होता .
अ) औरंगजेव
क) वहादुरशहा जफर
व) शहाआलम
ड) कामवक्श
४. 'गो-या माणसावरचे ओझे' या सिध्दांताचे जनका कोण आहेत .
अ) सर जॉन शोअर
क) रूडयार्ड केपलिंग
व) सेंट ऑगस्टिन
ड) एडवर्ड सैद
५. कोणती दोन मोठी भारतीय शहरे गॅड ट्रंक रोडमुळे जोडली गेली
अ) कलकत्ता आणि मुंबई
क) दिल्ली आणि मद्रास
व) दिल्ली आणि मुंबई
ड) कलकत्ता आणि दिल्ली
६. भारतात रेल्वेची सुरुवात झाली तेव्हा भारताचा गव्हर्नर जनरल कोण होता .
अ) लॉर्ड कॉनिंग
क) लॉर्ड विल्यम वेंटिक
व) लॉर्ड वेलस्ली
ड) लॉर्ड डलहौसी
७. कोणती दोन मोठी भारतीय शहरे भारतातील पहिल्या रेल्वे लाईनमुळे जोडली गेली
अ) मुंबई ते ठाणे
क) मुंबई ते पुणे
व) दिल्ली ते मुंबई
ड) कलकत्ता ते दिल्ली
८. कोणत्या भारतीय गव्हर्नर जनरलने भारतात सर्वप्रथम टपाल तिकीटाची सुरुवात केली .
अ) लॉर्ड कॉर्नवालिस
क) लॉर्ड विल्यम वेंटिक
व) लॉर्ड वेलस्ली
ड) लॉर्ड डलहौसी
९. भारतातील पहिल्या कायदा समितीचा अध्यक्ष कोण होता
अ) लॉर्ड कॉर्नवालिस
क) लॉर्ड विल्यम वेंटिक
व) लॉर्ड वेलस्ली
ड) लॉर्ड मेकॉले
१०. भारतात रयतवारी या महामुल पध्दतीची सुरुवात केव्हा झाली .
अ) १७७३ .
क) १८५४ .
व) १७९३ .
ड) १८२० .
११. कोणत्या महामुल व्यवस्थेनुसार भारतीय शेतक-यांना सर्वप्रथम त्याच्या जमिनीची मालकी हक्क मिळाले .
अ) कायमधारा
क) महलवारी
व) रयतवारी
ड) रिकार्डो च्या सुधारणा

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- १२ . १८ व्या शतकात भारतातील कोणते औद्योगिक उत्पादित वस्तु जगप्रसिध्द होते . .
- अ) कापड व) खनिज तेल
क) दुध व दुग्धजन्य वस्तु ड) शस्त्र व अस्त्र
- १३ . डिफेंस ऑफ युझरी पुस्तक प्रसिध्द पुस्तकाचा लेखक कोण आहे .
- अ) सर जॉन शोअर व) सेंट ऑगस्टिन
क) जेरेमी बेंथम ड) एडवर्ड सैद
- १४ . १८५७ च्या वंडावेळी हजरत महलने कोणत्या भारतीय राज्याचे नेतृत्व केले होते .
- अ) कानपूर व) ओंध
क) नागपूर ड) दिल्ली
- १५ . 'मुक्त व्यापार' या कल्पनेचा जनक म्हणुन कोण ओळखला जातो .
- अ) लॉर्ड कॉर्नवालिस व) लॉर्ड वेलरली
क) लॉर्ड विल्यम वेंटिक ड) अँडम रिमथ
- १६ . 'वहुतम लोकांचे बहुतम सुख' हे विचार कोणी मांडले .
- अ) सेंट ऑगस्टिन व) अमिरचंद
क) जेरेमी बेंथम ड) एडवर्ड सैद
- १७ . 'सिटी ऑफ गॉड' या प्रसिध्द ग्रंथाचे लेखक कोण आहेत .
- अ) सर जॉन शोअर व) सेंट ऑगस्टिन
क) जेरेमी बेंथम ड) एडवर्ड सैद
- १८ . 'गो-या माणसावरचे ओझे' या सिध्दांताचे जनका कोण आहेत .
- अ) सर जॉन शोअर व) सेंट ऑगस्टिन
क) रुडयार्ड केलिंग ड) एडवर्ड सैद
- १९ . कोणती दोन मोठी भारतीय शहरे गॅड ट्रंक रोडमुळे जोडली गेली
- अ) कलकत्ता आणि मुंबइ व) दिल्ली आणि मुंबइ
क) दिल्ली आणि मद्रास ड) कलकत्ता आणि दिल्ली
- २० . १८१४ साली इंग्लंडमध्ये सर्वप्रथम रेल्वे इंजिनचा शोध कोणी लावला .
- अ) जॉर्ज स्टेफन्सन व) जॉर्ज मार्लक
क) विल्यम गिल्वर्ट ड) जॉन नेपिअर
- २१ . कोणती दोन मोठी भारतीय शहरे भारतातील पहिल्या रेल्वे लाईनमुळे जोडली गेली
- अ) मुंबइ ते टाणे व) दिल्ली ते मुंबइ
क) मुंबइ ते पुणे ड) कलकत्ता ते दिल्ली
- २२ . कोणत्या भारतीय गव्हर्नर जनरलने भारतात सर्वप्रथम टपाल तिकीटाची सुरुवात केली .
- अ) लॉर्ड कॉर्नवालिस व) लॉर्ड वेलरली
क) लॉर्ड विल्यम वेंटिक ड) लॉर्ड डलहौसी
- २३ . १८व्या शतकात लाहोर शहराचा उदय म्हणुन झाला .
- अ) धर्म व तिर्थक्षेत्राचे मुख्य केंद्र व) प्रशासनाचे मुख्यालय
क) सैनिकी मुख्यालय ड) व्यापारी केंद्र
- २४ . भारतात कायमधारा या महामुल पध्दतीची सुरुवात केव्हा झाली .
- अ) १७७३ . व) १७९३ .
क) १८२० . ड) १८५४ .
- २५ . कोणत्या महमुल व्यवस्थेनुसार भारतीय शेतक-यांना सर्वप्रथम त्याच्या जमिनीची मालकी हक्क मिळाले .
- अ) कायमधारा व) रयतचारी
क) महलचारी ड) रिकार्डो च्या सुधारणा

२६. १८ व्या शतकात भारतीय कोणते औद्योगिक उत्पादित वस्तु जगप्रसिद्ध होते . .

- अ) कापड
क) दुध व दुग्धजन्य वस्तु
व) खनिज तेल
ड) शस्त्र व अस्त्र

२७. खालील पैकी कोणते पुस्तक जेरेमी बॅन्थम यानी लिहीले नाही .

- अ) सामाजिक करार
क) द प्रिन्सिपल्स ऑफ मॉरल्स अँड लेजिस्लेशन
व) अ फ्रॅगमेंट ऑन गव्हर्नमेंट
ड) अ डिफेन्स ऑफ युझरी

२८.....या दिवशी मंगल पांडेला फासावर लटकविण्यात आले .

- अ) ७ एप्रिल, १८५७
क) ९ एप्रिल, १८५७
व) ८ एप्रिल, १८५७
ड) १० एप्रिल, १८५७

२९. भारत छोडो आंदोलनावेळी भारताचा व्हाइसरॉय कोण होता

- अ) लॉर्ड माउंटबॅटन
क) लॉर्ड आर्यविन
व) लॉर्ड कॅनिंग
ड) लॉर्ड लिनलिथगो

३०. भारतात कॅबिनेट मिशन आले तेव्हा इंग्लंडचे पंतप्रधान कोण होते

- अ) अँटली
क) मॅकडोनाल्ड
व) चर्चिल
ड) चॅवर्लीन

३१. कोणत्या मुस्लिम विभाजनवादयाने 'Now or Never' हा ग्रंथ लिहीला .

- अ) एम. ए. जिना
क) रहमत अली चौधरी
व) महमद इक्वाल
ड) सर सय्यद अहमदखान

३२. 'Thanks Day' हा दिवस मुस्लिम लिंगने केव्हा साजरा केला

- अ) १ नोव्हेंबर १९३९
क) १ नोव्हेंबर १९४१
व) १ नोव्हेंबर १९४०
ड) १ नोव्हेंबर १९४२

३३. युनो चे मुख्यालय कोठे आहे

- अ) लंडन
क) न्युयार्क सिटी
व) कैरो
ड) जिनेव्हा

३४. वायव्य सरहद्द प्रांतात कायदाभंग चळवळीचे नेतृत्व कोणी केले .

- अ) एम. ए. जिना
क) महात्मा गांधी
व) आगाखान
ड) खान अब्दुल गफारखान

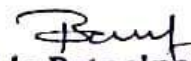
३५. राष्ट्रीय काँग्रेसने कोणत्या अधिवेशनात संपूर्ण स्वातंत्र्याचा ठराव पास केला .

- अ) १९२९ लाहोर
क) १९२८ सिमला
व) १९३० नागपुर
ड) १८९६ पुणे

३६. आझाद हिंद सेनेच्या महिला रेजिमेंटचे नाव काय होते

- अ) राणी झाशी रेजिमेंट
क) राणी लक्ष्मीबाई रेजिमेंट
व) राणी दुर्गा रेजिमेंट
ड) राणी कुमारी रेजिमेंट


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- ३७ . हैदाबाद राज्यात 'रझाकार' या संघटनेची स्थापना कोणी केली .
 अ) मुहमद निझाम व) कासिम रिझवी
 क) नवाब अली खान ड) इरफान हविव
- ३८ . आदय क्रांतीकारक भारतीय महिला म्हणून कोण ओळखली जाते .
 अ) अंनी वेझन्ट व) सरोजिनी नायडू
 क) मॅडम भिकाई कामा ड) कमला नेहरू
- ३९ . काश्मीर पश्न युनो समोर घेऊन जाण्याचा सल्ला पंडित नेहरूना कोणी दिला होता .
 अ) लॉर्ड माऊटबॅटन व) लॉर्ड मिंगो
 क) लॉर्ड आर्थरविन ड) लॉर्ड लिनलिथगो
- ४० . आझाद हिंद सेनेचे घोषवाक्य कोणते होते .
 अ) चलो दिल्ली व) इंडिया चलो
 क) भारत चलो ड) स्वदेश चलो
- ४१ . १९६२ च्या युद्धात चिनने भारताचा कोणता प्रदेश वळकाविला .
 अ) उत्तर काश्मीर व) बोर्डोलॅंड
 क) डोकलाम ड) अक्साई चिन
- ४२ . भारत पाकिस्तान या देशामधील सिमारेपेचे नाव काय आहे .
 अ) मॅकमोहन लाईन व) ड्युरण्ड लाईन
 क) रॅडक्लिफ लाईन ड) लाईन ऑफ कन्ट्रोल
- ४३ . भारताचा पहिला व्हाइसरॉय कोण होता
 अ) लॉर्ड वॉरन हेरिस्ट्रज व) लॉर्ड कॅनिंग
 क) लॉर्ड लिटन ड) लॉर्ड मेयो
- ४४ . भारताच्या पहिल्या जनगणना समितीचे अध्यक्ष कोण होते
 अ) जेरव्हाइरा अंधेस्टन बने व) एच . एच . रिसले
 क) डब्ल्यु . सी पावडेन ड) इ . ए . गेट
- ४५ . ' शिका संघटीत व्हा व संघर्ष करा' असा संदेश कोण दिला .
 अ) डॉ . वाद्यासाहेब आंबेडकर व) महात्मा ज्योतीबा फुले
 क) रामास्वामी नायकर ड) लोकमान्य तिलक
- ४६ . 'सुरक्षा झडप' हा शिंध्यात शी निगडीत आहे
 अ) राष्ट्रीय काँग्रेसची स्थापना व) उदारमतवादयाची भुमिका
 क) भारतीय समाजातील जातिव्यवस्था ड) इंगजाचा उपुक्ततावाद
- ४७ . वाळशास्त्री जांभेकरानी सुरू केलेले पहिले मराठी वर्तमानपत्र कोणते
 अ) दर्पण व) सुधारक
 क) ज्ञानोदय ड) मुवई गॅझेट
- ४८ . भारतात सर्वप्रथम लोह व पोलाद कारखाना कोणी स्थापन केला .
 अ) नारायणमुर्ती व) कुमारमंगलम विला
 क) धीरूभाई अंबानी ड) जमशेदजी टाटा

४९. शिक्रागो येथिल जागतिक सर्वधर्म परिषद केंद्रा भरली होती

अ) १८८८

व) १८९०

क) १८९३

ड) १८९६

५०. कोणत्या भारतीय गव्हर्नर जनरलने १८७८ मध्ये 'आर्म अॅक्ट' पास केला .

अ) लॉर्ड रिपन

व) लॉर्ड लिटन

क) लॉर्ड विल्यम बेंटिक

ड) लॉर्ड डलहौसी

९. भारतातील कोणत्या गव्हर्नर जनरलने १८८२मध्ये हंटर कमिशनची स्थापना केली .

अ) लॉर्ड रिपन

व) लॉर्ड लिटन

क) लॉर्ड लॉरेन्स

ड) लॉर्ड मिंटो

५१. १८८५ साली राष्ट्रीय काँग्रेसच्या स्थापनेवेळी मुंबईमध्ये किती लोकप्रतिनिधी उपस्थित होते .

अ) ७२

व) १७२

क) २७२

ड) ३७२

५२. खालिल पैकी कोणत्या कृतीचा समावेश लोकमान्य टिळकाच्या चतुसूत्री मध्ये होत होता .

अ) परकिय वस्तुचा पुरस्कार

व) विदेशी कायद्यांचा भंग

क) राष्ट्रीय शिक्षण संस्थेची स्थापना

ड) इंग्रज अधिका-यांची हत्या

५३. खालिल पैकी कोणती गोष्टी भारतात मध्यवर्गाचा उदयास जबाबदार नव्हते .

अ) पाश्चिमान्य शिक्षणाचा प्रसार

व) भारताचे औद्योगिकीकरण

क) भारतीयांचे इंग्रजांच्या प्रशासनातील सहभाग

ड) शहरीकरण

५४. 'गिता रहस्य' या पुस्तकाचे लेखक कोण आहेत .

अ) लोकमान्य टिळक

व) महात्मा गांधी

क) गोपाल गणेश आगरकर

ड) विनोबा भावे

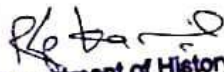
५५. 'तृत्रिय रत्न' या प्रसिध्द नाटकाचे लेखक कोण आहेत .

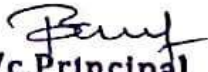
अ) कमला दास

व) ताराबाई शिंदे

क) सावित्रीबाई फुले

ड) महात्मा फुले


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Department of Zoology
Question Bank Year 2023-2024**

- 1) 1)What is Secondary ecological succession
- 2) Write on forest ecosystem
- 3) 3)Write on grassland ecosystem
- 4) 2) Write on desert ecosystem
- 5) 2) Write on freshwater ecosystem
- 6) Write causes and impact of deforestation
- 7) Discuss conflicts over water
- 8) Write on food chain and food web
- 9) Discuss causes of growing energy needs
- 10) Write on Biogeographic zones in India
- 11) Write any two threats to biodiversity
- 12) Discuss adverse effect of nuclear hazards on human health
- 13) Write on Environmental protection Act and Wildlife protection Act
- 14) Write on Bishnois movement in Rajasthan
- 15) Write on Kerala's silent valley
- 16) What is Chipko movement

Answer the following (any One) 8 mark questions

- 1) What is human population growth? Write on impact of human population growth on environment
- 2) What is Chipko movement? Write on role of Indian religions and cultures in environment conservation
- 3) What is global warming? Discuss effect of climate change on human and agriculture
- 4) What is air pollution discuss causes and control measures of air pollution.
- 5) What is water pollution ? Add note on causes and control measures in water pollution.
- 6) What is tribal population rights and human wildlife conflicts in India.
- 7) Explain about "India as a mega biodiversity nation and add note on endangered species.
- 8) Explain in detail In situ and Ex situ conservation of biodiversity
- 9) What is renewable and non renewable energy sources? Add note on alternate energy sources.
- 10) What is ecosystem ? Write on Grassland and forest ecosystem.
- 11) Explain Desert and forest ecosystem with example.
- 12) Explain freshwater and marine water ecosystem.
- 13) What is ecological succession? Explain stages of ecological succession.



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Department of Zoology
Question Bank Year 2023-2024
Paper – Principles of Ecology**

Question Bank

Two marks questions

- 1) Define food chain
- 2) Define food web
- 3) Define ecosystem
- 4) What is soil erosion
- 5) Effects of deforestation
- 6) causes of deforestation
- 7) Effects of water over exploitation
- 8) What is flood
- 9) What is renewable energy source
- 10) What is non renewable energy source
- 11) How alternate energy can be used
- 12) What is species diversity
- 13) What is the meaning of endangered species
- 14) What is the meaning of endemic species
- 15) What is global warming
- 16) What is the causes of ozone layer depletion
- 17) Significance of ozone layer
- 18) What is Wildlife protection act
- 19) What is Environmental Protection act
- 20) What is Kyoto protocol
- 21) What is flood
- 22) What is Cyclone
- 23) What is land slides
- 24) Causes of land slides
- 25) Adverse effects of flood
- 26) What is ecological succession
- 27) What is habitat loss
- 28) Write natural causes of habitat loss
- 29) Write manmade causes of habitat loss
- 30) What is industrial waste
- 31) What is the reason of acid rain.
- 32) Advantages of CNG

Short notes (Four Marks Questions)

**K.N.Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare. Kurduwadi
Department of Zoology
Question Bank
Paper – Principles of Ecology**

Question Bank

Two marks questions

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- 7) Discuss conflicts over water
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- 5) What is water pollution ? Add note on causes and control measures in water pollution.
- 6) What is tribal population rights and human wildlife conflicts in India.
- 7) Explain about "India as a mega biodiversity nation and add note on endangered species.
- 8) Explain in detail In situ and Ex situ conservation of biodiversity
- 9) What is renewable and non renewable energy sources? Add note on alternate energy sources.
- 10) What is ecosystem ? Write on Grassland and forest ecosystem.
- 11) Explain Desert and forest ecosystem with example.
- 12) Explain freshwater and marine water ecosystem.
- 13) What is ecological succession? Explain stages of ecological succession.

Question Bank
Sub: Geography
Academic year 2023-24

Q.1. Multiple choice questions

- 1.....is the following is not a metamorphic rock
a) Gneiss b) Conglomerate c) Quartzite d) Schist

2. 'Mohorovicic discontinuity' marks the boundary between.....
a) Core and crust b) Asthenosphere and lithosphere c) Crust and the upper mantle d) Core and the mantle

- 3..... is a following is an example of a block mountain'
a) Andes b) Aravalli c) Black Forest d) Caucasus

4. During volcanic eruption deposition of lava in anticlines and synclines of folded mountains accounts for formation of.....
a) Phacolith b) Lopolith c) Batholith d) Lacolith

5. When following fissures in the rocks, its both parts slide in front and one part slides over the other, the resulting feature is.....
a) Lateral fault b) Step fault c) Reverse fault d) Normal fault

- 6..... is one of the following is related to the origin of folded mountains?
a) Accreting plate margin b) Consuming plate margin c) Conserving plate margin d) Infra plate zone

- 7.....is one among the following is primary rock
a) Igneous rock b) Sedimentary rock c) Metamorphic rock d) Calcareous rock

8. Quartzite is metamorphosed from.....
a) Sand stone b) Obsidian c) shale d) Limestone

9. Which of the following rocks is not likely to contain fossils
a) Conglomerate b) Granite c) shale d) sandstone

10. Limestone is an example of.....
a) Metamorphic b) Sedimentary rock c) Igneous d) Volcanic

11. Geomorphology is the branch of..... Geography
a) Human b) Physical c) Cultural d) Social

- 12.....Geography is study the landform of the Earth.

a) Hydrology b) Geomorphology c) Oceanography d) Geology

13.....Is a first order relief feature.

a) Continents b) River basin c) Himalayas d) Meander

14.....is a first person who used the word of Geography

a) Humboldt b) Ratzel c) Ritter d) Eratosthenes

15.....Is a Second order relief feature.

a) Continents b) Delta c) Mountain d) Oceans

16.....Is a third order relief feature.

a) Continents b) Mountain c) Himalayas d) Meander

17. SIMA=

a) Silica and Silica b) Silica and Magnesium c) Silica and Alcohol d) Silica and Magnesium

18. NIFE =

a) Nickel and Ferrous b) Neon and Ferrous c) Nickel and Fire d) Nickel and Magnesium

19. The upper most layer of the Earth is called as.....

a) Core b) Mantle c) Nife d) Crust

20. The lower most layer of the Earth is called as

a) Core b) Mantle c) Nife d) Crust

21.....Is a discontinuity between SIAL and SIMA

a) Mohorovicic b) Repeti c) Lehman d) Conrad

22.....Zone is separating Upper mantle and Lower mantle

a) Mohorovicic b) Repeti c) Lehman d) Conrad

23.....Zone is separating Upper core and Lower core

a) Mohorovicic b) Repeti c) Lehman d) Conrad

24.....is a discontinuity between crust and mantle.

a) Mohorovicic b) Repeti c) Lehman d) Gutenberg

25.....is a discontinuity between mantle and core.

a) Mohorovicic b) Repeti c) Lehman d) Gutenberg

26. The average density of the Earth is..... gm/cm³

a) 3.5 b) 4.5 c) 5.5 d) 6.5

27. The temperature goes on with depth in the interior of the earth.

a) Increases b) Decreases c) Static d) Decline

28. The temperature is increases at the rate of

a) 1°C per 32 meters b) 1°C per 42 meters c) 1°C per 100 meters d) 1°C per 1000 meters

29. The P wave is known as

a) Primitive wave b) Primary wave c) Previous wave d) Prismatic wave

30. The S wave is known as

a) Secondhand wave b) Secondary wave c) Sequential wave d) Systematic wave

31. The Low wave is known as

a) Locker wave b) Surface wave c) Liquid wave d) Loss wave

32..... Is a fastest wave of the Earthquakes

a) Primary wave b) Secondary wave c) Tertiary wave d) Surface wave

33..... has lowest speed at the time of Earthquakes

a) Primary wave b) Secondary wave c) Tertiary wave d) Surface wave

34..... Wave of earthquakes is most destructive.

a) Primary wave b) Secondary wave c) Tertiary wave d) Surface wave

35. The Earthquakes are measured with instrument.

a) Homosesmial line b) Seismograph c) Homoseismio d) Homoseismograph

36..... Country is known as Earthquakes.

a) India b) Nepal c) U.S.A. d) Japan

37. The lowermost part of the interior of the earth is called as

a) Outer core b) Inner core c) Middle core d) core

38. The density of the inner core is between gm/cm³

a) 3.5 to .5.5 b) 4.5 to 6.5 c) 13.3 to 13.6 d) 6.6 to 5.5

39. The density of the SIAL is between.....gm/cm³

a) 3.3 to .5.5 b) 4.5 to 6.5 c) 2.9 to 3.3 d) 6.6 to 5.5

40..... Rocks is known as parent rock

a) Igneous b) Sedimentary d) Metamorphic d) None of these 41.SIAL=

a) Sial and Silica b) Silica and Magnesium c) Silica and Alcohol d) Silica and Aluminum.

41). is a folded mountain.

a) Himalayas b) Satpura c) Aravali d) Nilgiri

42) Siwaliks are.....

a) Himadri b) foothills of Himalayan ranges c) range of Meghalaya d) range of Plateau

43) soil is most suitable for the cultivation of cotton in India

a) Red soil b) Alluvial soil c) Laterite soil d) Regur soil

44) line demarcates India Pakistan border.

a) Radcliff Line b) Durand Line c) McMahan line d) 38th Parallel

45) Type of high-quality of iron ore

a) Hematite, b) Magnetite, c) Limonite, d) Siderite

46) types of coal having highest carbon content.

a) Anthracite, b) Bituminous c) Lignite d) peat

47) Total distance of India from north to south is.....Km.

a) 2930 b) 3228 c) 3214 d) 2933

- 48) India lies in the _____ hemisphere
 a) Northern and eastern b) Southern and eastern c) Western d) Eastern
- 49). _____ may be defined as an average weather condition of a long period of time.
 a) Weather b) Climate c) Climatology d) Meteorology
- 50) ----- is a type of planetary wind
 a) Trade wind, b) Loo, c) Cyclone, d) Tornado
- 51) _____ zone extends between the tropics of Capricorn and cancer.
 a) Frizzed b) Temperature c) Troposphere d) Tropical
- 52) The average albedo of the earth is _____%.
 a)15 b)25 c)35 d)45
- 53) The lines joining the places of equal _____ are called isotherms.
 a) Pressure b) Rainfall c) Humidity d) Temperature
- 54) ITCZ means-----
 a) Inter Tropical Conversion zone, b) International tropical Conversion zone
 c) Indian tropical conversion zone, d) intersect temperature conversion zone
- 55) Horse latitude lie within -----
 a) The polar high b) Equatorial low c) Sub tropical high d) Sub polar low
- 56)are strong westerly winds of South Hemisphere. It occurs between the latitudes of 40 and 50 degrees.
 a) Roaring Forties b) furious fifties c) screeching sixties d) None of the above

Geography- Climatology (Paper-V)

Q. 1. Choose and write a correct from given four alternatives

- 1). of the following is the **lowest atmospheric layer**.
 a) Stratosphere b) Exosphere c) Hydrosphere d) Troposphere
- 2) ----- is a type of local wind
 a) Trade wind, b) Loo, c) Cyclone, d) Tornado
- 3) Ozone is concentrated in atmospheric layer
 a) Stratosphere b) Exosphere c) Hydrosphere d) Troposphere
- 2) ----- is a type of local wind
- 4) The average albedo of the earth is _____%.
 a)15 b)25 c)35 d)45
- 5) The lines joining the places of equal _____ are called isotherms.
 a) Pressure b) Rainfall c) Humidity d) Temperature
- 6) one of the following gases is found in highest quantity in the atmosphere.
 a) Helium b) Hydrogen c) Oxygen d) Nitrogen
- 7) Air pressure is lowest in.....season
 a) Spring b) Winter c) Summer d) Autumn
- 8) Time takes for sun rays to reach earth.
 a) 8 minutes a) 12 minutes c) 18 minutes d) 6 minutes

Q.No.2) Answer any four of the following

- i) Define the concept of normal laps rate
- ii) Define the concept of westerlies
- iii) Define the Air Pressure
- iv) Define the concept of Climate
- v) Define the concept of Insolation

Q.No.3) Write short notes on any two of the following

- i) Indian Monsoon
- ii) Precipitation
- iii) Earth pressure belt

Q. No.4) Answer any Two of the following

- i) Explain the composition of the atmosphere
- ii) Explain the types of humidity
- iii) Explain the Jet stream

Q.No.5) Answer any one of the following

- i) Explain the structure of the atmosphere

ii) Explain the forces affecting on wind

GEOGRAPHY OF INDIA – Paper VI

Q.1. Select the most correct alternative (1 mark each)

- 1). is a the oldest mountain range in India.
a) Himalayas b) Satpura c) Aravali d) Nilgiri
- 2) is the largest physiographic division of India.
a) The Northern Mountains b) The Great Plains c) The peninsular Plateau area d) The Islands
- 3) type of soil found in Maharashtra
a) Red soil b) Alluvial soil c) Laterite soil d) Regur soil
- 4) The Growth rate of population means.....
a) Difference between the growth of male and female b) Difference between the population of urban and rural areas c) Number of births per thousand persons d) Difference between birth rate and death rate
- 5) Type of high-quality of iron ore
a) Hematite, b) Magnetite, c) Limonite, d) Siderite
- 6) types of coal having highest carbon content.
a) Anthracite, b) Bituminous c) Lignite d) peat
- 7) is the largest tribe of India.
a) Santhal b) Garo c) Gond d) Bhila
- 8) **In India, type of forest among the following occupies the largest area.**
a) Tropical wet evergreen forest b) Tropical moist deciduous forest
c) Sub-tropical dry evergreen forest d) Montane wet temperate forest

Q.2. Attempt any four of the following

- i) Location of India
- ii) Define the term of resources
- ii) What is tribe
- iv) What is growth of population
- v) Define the term of age sex composition

Q.3. Write short notes on any two of the following

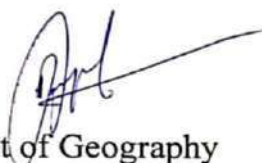
- i) Population growth of India
- ii) Distribution of wheat in India
- iii) Describe the different types of Soil of India

Q. 4) Answer any Two of the following

- i) Describe the northern mountain off India
- ii) Describe the different types of coal
- iii) Describe the distribution of Manganese of India

Q.5) Answer any one of the following

- i) Describe the general climatic regions of India
- ii) Describe the different types of forest in India


Dept of Geography

Head. Department of Geography


I/c.Principal
K.N.Bhise Arts, Commerce &
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Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-I Sem.-I

Paper- I - Algebra

Q . 1. Choose the correct alternative for each of the following

1) A square matrix $A = [a_{ij}]$ is symmetric matrix if and only if

- a) $a_{ij} = a_{ji}$ some all i, j b) $a_{ij} = a_{ji}$ for all i, j
c) $a_{ij} = -a_{ji}$ for all i, j d) $a_{ij} = -a_{ji}$ for only $i = j$

2) The Rank of the matrix $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 3 & 1 \\ 0 & 1 & 0 \end{bmatrix}$ is

- a) 0 b) 1 c) 2 d) 3

3) The characteristic equation of the matrix $\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$ is

- a) $\lambda^2 - 5\lambda + 2 = 0$ b) $\lambda^2 + 5\lambda - 2 = 0$
c) $\lambda^2 + 5\lambda + 2 = 0$ d) $\lambda^2 - 5\lambda - 2 = 0$

4) Eigen values of the matrix $\begin{bmatrix} 2 & 7 & 8 \\ 0 & 5 & 9 \\ 0 & 0 & 1 \end{bmatrix}$ are

- a) 0,1,2 b) 2,7,8 c) 1,2,5 d) 7,8,9

5) If $\text{rank}[A] = \text{Rank}[A:B] = \text{number of unknowns}$, then the system of equations

$AX = B$ have

- a) no solution b) unique solution
c) infinite number of solutions d) only two solution

6) An Eigen values of a square matrix A is $\lambda = 0$, then

- a) $|A| = 0$ b) $|A| \neq 0$ c) $|A| = 1$ d) $|A| = 2$

Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-I Sem.-I

Paper- II -Calculus

Q . 1 . Choose the correct alternative for each of the following

1) If $y = (2x + 3)^5$ then $y_6 = \dots$

- a) $5!(2x + 3)2^4$ b) $6!(2x + 3)2^5$ c) $5!2^5$ d) 0

2) If $y = \sin(5x + 4)$ then $y_3 = \dots$

- a) $5^3 \sin(5x + 4 + 3\frac{\pi}{2})$ b) $5^3 \cos(5x + 4 + 3\frac{\pi}{2})$
c) $5^3 \sin(5x + 4 + \frac{\pi}{2})$ d) $5^3 \cos(5x + 4 + \frac{\pi}{2})$

3) The series expansion of e^x in powers of x is ...

- a) $1 + x + \frac{x^2}{2} + \frac{x^3}{3} + \dots$ b) $1 - x + \frac{x^2}{2} - \frac{x^3}{3} + \dots$
c) $1 + x + \frac{x^2}{2!} + \frac{x^3}{3!} + \dots$ d) $1 - x + \frac{x^2}{2!} - \frac{x^3}{3!} + \dots$

4) $x - \frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!} + \dots$ is an infinite series expansion of

- a) e^x b) $\sin x$ c) $\cos x$ d) $\tan x$

5) The value of $\lim_{x \rightarrow 0} \frac{1 - \cos x}{3x^2} = \dots$

- a) $\frac{1}{3}$ b) $\frac{1}{6}$ c) $\frac{1}{9}$ d) 0

6) The value of $\lim_{x \rightarrow 0} \frac{\log x}{\operatorname{cosec} x} = \dots$

- a) 1 b) 2 c) 3 d) 0

7) The $\lim_{x \rightarrow 0} \frac{3^x - 2^x}{x} = \dots$

a) $\log \frac{1}{3}$ b) $\log \frac{1}{2}$ c) $\log \frac{2}{3}$ d) $\log \frac{3}{2}$

8) Which of the following is not an indeterminate form?

a) $[\infty + \infty]$ b) $[\infty - \infty]$ c) $[0 \cdot \infty]$ d) $\left[\frac{\infty}{\infty}\right]$

9) The value of $\int_0^{\pi/2} \cos^6 x \, dx = \dots$

a) $\frac{5}{32}$

b) $\frac{5\pi}{32}$

c) $\frac{6\pi}{32}$

d) $\frac{6}{32}$

10) If $\hat{F} = 2xy\hat{i} + 3yz\hat{j} + 4xz\hat{k}$ then $\text{div. } \hat{F}$ at the point (1, 2, 3) is ...

a) 20

b) 18

c) 25

d) 17

11) The vector \hat{F} is called conservative if

a) $\text{div } \hat{F} = 0$

b) $\text{curl } \hat{F} = 0$

c) $\text{div } \hat{F} = 1$

d) $\text{curl } \hat{F} = 1$

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Mr. V.S. Shinde
Dept. of Mathematics



Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-II Sem.-III

Paper-V-Differential Calculus

Q. 1. Choose the correct alternative for each of the following

1. The curvature of the curve at any point is given by

a) $\frac{ds}{d\psi}$ b) $\frac{d\psi}{ds}$ c) $\frac{dy}{dx}$ d) $\frac{dx}{dy}$

2. The radius of curvature of the curve at any point is given by

a) $\frac{ds}{d\psi}$ b) $\frac{d\psi}{ds}$ c) $\frac{dy}{dx}$ d) $\frac{dx}{dy}$

3) The radius of curvature at any point on the curve $s = 4a \sin \psi$ is

a) $4a \sin \psi$ b) $4a \cos \psi$ c) $2a \sin \psi$ d) $2a \cos \psi$

4) If $u = x^2 - y^2$, $V = xy$ then $\frac{\partial(u,v)}{\partial(x,y)} = \dots$

a) $2(x^2 - y^2)$ b) $2(x^2 + y^2)$ c) $(x^2 - y^2)$ d) $(x^2 + y^2)$

5) If $x = r \cos \theta$ and $y = r \sin \theta$ then $\frac{\partial(x,y)}{\partial(r,\theta)} = \dots$

a) x b) y c) r d) θ

6) The equation of tangent to the curve $x^2 y^3 = a^5$ at the point (a, a) is.....

a) $3X - 2Y = a$ b) $2X + 3Y = a$ c) $2X + 3Y = 5a$ d) $3X - 2Y = 5a$

7) Polar subtangent is equal to

a) $\frac{d\theta}{dr}$ b) $r \frac{d\theta}{dr}$ c) $r^2 \frac{d\theta}{dr}$ d) $\frac{1}{r} \frac{d\theta}{dr}$

8) The necessary condition for $f(c)$ to be an extreme value of $f(x)$ is that...

a) $f'(c) < 0$ b) $f'(c) > 0$ c) $f'(c) = 0$ d) $f'(c)$ does not exist

9) A function $f(x, y)$ is minimum at point (a, b) if

a) $AC - B^2 < 0$ and $A > 0$

b) $AC - B^2 < 0$ and $A < 0$

c) $AC - B^2 > 0$ and $A > 0$

d) $AC - B^2 > 0$ and $A < 0$

10) The maximum value of $\sin x + \cos x$ is

a) 1

b) 2

c) $\sqrt{2}$

d) $\sqrt{3}$

correctly

Mr. V. S. Shinde
Dept. of Mathematics



Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-II Sem.-III

Paper- VI-Laplace Transform

Q. 1. Choose the correct alternative for each of the following

1. $\mathcal{L}\{1\} = \dots\dots\dots$

- a) p b) $\frac{1}{p}$ c) p^2 d) $\frac{1}{p^2}$

2. $\mathcal{L}\{e^{-at}\} = \dots\dots\dots$

- a) $\frac{1}{p^2+a^2}$ b) $\frac{1}{p+a}$ c) $\frac{1}{p-a}$ d) $\frac{1}{p^2-a^2}$

3. $\mathcal{L}\{\cos at\} = \dots\dots\dots$

- a) $\frac{a}{p^2+a^2}$ b) $\frac{p}{p^2+a^2}$ c) $\frac{p}{p^2-a^2}$ d) $\frac{a}{p^2-a^2}$

4. $\mathcal{L}\{\sinh 2t\} = \dots\dots\dots$

- a) $\frac{p}{p^2+4}$ b) $\frac{2}{p^2+4}$ c) $\frac{p}{p^2-4}$ d) $\frac{2}{p^2-4}$

5).If $\mathcal{L}\{F(t)\} = f(p)$ then $\mathcal{L}\{e^{at}F(t)\} = \dots\dots\dots$

- a) $f(p)$ b) $f(p+a)$ c) $f(p-a)$ d) $f(p^2)$

6) $\mathcal{L}\{t^4\} = \dots\dots\dots$

- a) $\frac{4!}{p^4}$ b) $\frac{4!}{p^5}$ c) $\frac{4}{p^4}$ d) $\frac{4}{p^5}$

7) $L^{-1}\left\{\frac{1}{p^2}\right\} = \dots\dots\dots$

- a) e^t b) t c) t^2 d) e^{-2t}

8) $L^{-1}\left\{\frac{1}{p^2-3}\right\} = \dots\dots\dots$

- a) $\frac{\cosh \sqrt{3} t}{3}$ b) $\frac{\cosh \sqrt{3} t}{\sqrt{3}}$ c) $\frac{\sinh \sqrt{3} t}{3}$ d) $\frac{\sinh \sqrt{3} t}{\sqrt{3}}$

9) If $\mathcal{L}\{y(t)\} = \bar{y}(p)$ then $\mathcal{L}\{y'(t)\} = \dots$

- a) $p\mathcal{L}\{y(t)\} - y(0)$ b) $p\mathcal{L}\{y(t)\} + y(0)$
c) $p^2\mathcal{L}\{y(t)\} - y(0)$ d) $p^2\mathcal{L}\{y(t)\} + y(0)$

10) If $\mathcal{L}\{F(t)\} = f(p)$ then $\mathcal{L}\left\{\frac{F(t)}{t}\right\} = \dots$

- a) $\int_0^\infty f(x)dx$ b) $\int_p^\infty f(x)dx$ c) $\int_0^\infty \frac{f(x)}{x} dx$ d) $\int_p^\infty \frac{f(x)}{x^2} dx$



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Mr. V. S. Shinde

Dept. of Mathematics

K.N. Bhise Arts, Commerce and
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Department of Microbiology

Question Bank (2023-24)

Madha Taluka Shikshan Prasarak Mandals

K.N.Bhise Arts, Commerce & Vinayakrao Patil Science College, Kurduwadi.

Unit Test 2023-24

Subject- **Microbial Physiology**

Class-B.Sc. I

Sem.-II Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives **05**

Marks

1. _____ coined the term enzyme.

A) L.Pasteur B) W.Kuhne C) F.Crick D) Watson

2. The organic or metalloorganic substance which stimulate enzyme activity is known as

A) Substrate B) Inhibitor C) Activator D) Suppressor

3. The enzyme which are secreted in the presence of substrate is known as

_____ enzyme.

A) Constitutive B). Exoenzyme C) Endoenzyme D) Inducible

4. The microorganism which uses inorganic compound as energy source and atmospheric CO₂ as carbon source known as _____.

A) Heterotroph B) Photoautotroph C) Chemoheterotroph D) Chemoautotroph

5. V) Substrate binds with active site by _____ bonds.

A) Ionic B) Vandr walls C) Hydrogen D) Covalent

Q. no. 2 Write Short Notes: - (Any Two)

10

Marks

I) Define active site & add a note on properties of active site.

II) Describe in detail mechanism of enzyme action.

III) Define Enzyme, coenzyme, cofactor and prosthetic group

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts & Commerce College, Kurduwadi.

Unit Test 2023-2024

Subject- **Applied Microbiology**

Class-B.Sc. I

Sem.-II

Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives. 05Marks

1. In most probable number (MPN) method _____medium is used.
 - a) Lactose broth
 - b) EMB broth
 - c) Mac-conkey's agar
 - d) Tryptose broth
2. Which of the following reagent is used in Indol test.
 - a) Kovac's reagent
 - b) Methyl red
 - c) Bromothymol blue
 - d) Alpha – naphthol & KOH
3. Eijkman test is used for _____.
 - a) Non fecal pollution
 - b) Fecal pollution
 - c) Water pollution
 - d) Air pollution
4. Which of the following medium is used in presumptive test.
 - a) Lactose broth
 - b) Nutrient agar
 - c) Mac-conkey's agar
 - d) EMB agar
5. In citrate utilization test which colour indicates positive test.
 - a) Yellow to red
 - b) Yellow to blue
 - c) blue to Green
 - d) Green to red

Q. No. 2 write short notes. (Any two). 10 Marks

1. IMViC test
2. Fecal pollution of water and its indicators.
3. Disinfection

Madha Taluka Shikshan Prasarak Mandals

K.N.Bhise Arts, Commerce & Vinayakrao Patil Science College, Kurduwadi.

Unit Test 2023-24

Subject- **Microbial Physiology**

Class-B.Sc. I

Sem.-II Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives **05**

Marks

1. _____ coined the term enzyme.

A) L.Pasteur B) W.Kuhne C) F.Crick D) Watson

2. The organic or metalloorganic substance which stimulate enzyme activity is known as _____

A) Substrate B) Inhibitor C) Activator D) Suppressor

3. The enzyme which are secreted in the presence of substrate is known as _____enzyme.

A) Constitutive B). Exoenzyme C) Endoenzyme D) Inducible

4. The microorganism which uses inorganic compound as energy source and atmospheric CO₂ as carbon source known as _____.

A) Heterotroph B) Photoautotroph C) Chemoheterotroph D) Chemoautotroph

5. V) Substrate binds with active site by _____ bonds.

A) Ionic B) Vandr walls C) Hydrogen D) Covalent

Q. no. 2 Write Short Notes: - (Any Two)

10

Marks

I) Define active site & add a note on properties of active site.

II) Describe in detail mechanism of enzyme action.

III) Define Enzyme, coenzyme, cofactor and prosthetic group

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts & Commerce College, Kurduwadi.
Unit Test 2023-2024

Subject- **Applied Microbiology**

Class-B.Sc. I

Sem.-II

Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives. 05Marks

6. In most probable number (MPN) method _____medium is used.
- c) Lactose broth c) Mac-conkey's agar
d) EMB broth d) Tryptose broth
7. Which of the following reagent is used in Indol test.
- c) Kovac's reagent c) Bromothymol blue
d) Methyl red d) Alpha – naphthol & KOH
8. Eijkman test is used for _____.
- c) Non fecal pollution c) Water pollution
d) Fecal pollution d) Air pollution
9. Which of the following medium is used in presumptive test.
- c) Lactose broth c) Mac-conkey's agar
d) Nutrient agar d) EMB agar
10. In citrate utilization test which colour indicates positive test.
- c) Yellow to red c) blue to Green
d) Yellow to blue d) Green to red

Q. No. 2 write short notes. (Any two). 10 Marks

4. IMViC test
5. Fecal pollution of water and its indicators.
6. Disinfection

Madha Taluka Shikshan Prasarak Mandals

K.N.Bhise Arts ,Commerce and Vinayakrao Patil Science College, Kurduwadi.

Unit Test Examination sept.2023-24

Subject –**Bacterial Genetics**

Class-B.Sc. II

Sem. - III

Marks-15

Time 45 Min.

Q. No. 1. Rewrite the following sentences by choosing correct alternatives

05Marks

1. DNA polymerase I is having _____ exonuclease activity
a) 3' – 5' b) 5' – 3' c) Both d) None
2. The replication in which the newly synthesized DNA is having one old strand from parent and one new strand is called as _____.
a) Conservative b) Dispersive c) Semiconservative d)Transcriptive
3. The enzyme involved in unwinding of DNA is _____.
a) Topoisomerase b) Helicase c) DNA ligase d) Primase
4. Z form of DNA possess-----base pairs per turn of helix.
a) 8 b) 10 c) 9 d) 12
5. -----organism replicates by rolling circle replication mechanism.
a) Bacteria b) Actinomycetes c) Fungi d) Viruses

Q. No. 2. Answer any two of the following

10Marks

- 1) **Explain in brief the mechanism of replication.**
- 2) **Discuss in brief Hershey and chase experiment.**
- 3) **Describe in detail structure of double stranded DNA.**

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts ,Commerce and Vinayakrao Patil Science College, Kurduwadi.
Unit Test Examination sept.2023-24
Subject-**Bacterial Cytology, Virology and Metabolism** Class-B.Sc.II
Sem.-III Marks-15 Time 45 Min.

Q.1.Multiple choice questions

5 M

- i) The process of facilitated diffusion mediated by -----
A) ATP B) Carrier protein C) Na⁺ ions D) H⁺ ions
- ii) The Tetra peptide chain of amino acids is attached to
A) N-acetyl glucosamine B) N- acetyl muramic acid C) glycerol phosphate
D) Ribitol phosphate
- iii) In group translocation process ----- act as phosphate group donor.
A) ATP B) Glucose C)PEP
D)Pyruvate
- iv)The culture composed of the cells that are all at the same stage of cell cycle is called as----

A) Continuous culture B) Batch culture C) Synchronous culture D)
None of the above
- v) When number of bacteria is continuously increasing in particular order such phase is called as-----
A) Lag Phase B) Log Phase C) Stationary Phase D)
Death Phase

Q.2Answer any two of the following

10 M

- A) Gram Positive cell wall
- B) Growth Curve
- C) measurement of growth
- D) Cell Membrane

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce & V.P.Science College, Kurduwadi.
Unit Test Examination 2023-24

Class-B.Sc. II
Sem. - IV
Time 45 Min.

Subject –**Immunology & Medical Microbiology**
Marks-15

Q. No. 1. Rewrite the following sentences by choosing correct alternatives

05Marks

i) Ability of substance to stimulate the immune system for production of antibody or cells is called as -----

A) immunogen B) antigenicity C) hapten D)
epitope

ii) The term antibody coined by-----.

A) Louis Pasteur B) Wilhelm Kuhne C) Elvin kabbat D)
William Arthur

iii) ----- type of antibody produced during secondary immune response.

A) IgA B) Ig M C) Ig G D) IgA

iv) ----- serves as strongest antigen.

A) Protein B) carbohydrate C) lipid D) nucleic acid

v) -----antibody presnt in lower concentration in the body fluid.

A) IgA B) Ig M C) Ig G D) IgA

Que no. 2 Answer Any 2 of following

10

Marks

1. Define antigen. Discuss factors affecting on antigenicity.
2. Structure of antibody.
3. Biological properties & functions of classes of antibody.

Unit Test 2023- 2024

B.Sc. –III

Environmental Microbiology

Question .1 Multiple choice questions

5 marks

1)Methanogens belong to_____

- a. Eubacteria b. Dinoflagellates c. Slime molds d. Archaeobacteria

2) Which of the following are found in extreme saline conditions?

- a. Halophiles b. Thermophiles c. Psychrophiles d. Acidophiles

Acidophiles

3) Barophiles are the organisms which require_____ for its growth.

- a. Highly alkaline condition b. Higher temperature c. high salt concentration d. High hydrostatic pressure

4) Halophilic bacteria grow best at salt concentration of _____ %.

- a) 2.5 to 4 b) 0.5 to 2 c) 4 to 5 d) 0.1 to 1

5) Psychrophiles would be expected to grow:

- a) in hot springs b) on the human body c) at refrigeration temperatures d) at low pH

Question 2 Attempt any two of the following

10 marks

- a) Acidophiles b) Thermophiles c) Osmophiles

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce & V.P.Science College, Kurduwadi.

Unit Test Examination 2023-24

Subject-Immunology Class-B.Sc.III

Sem.-V Marks-15 Time 45 Min.

Q.1.Multiple choice questions 10 M

i)-----lymphocytes involved in humoral immunity.

A) B B)T C)T_H D)T_C

ii)clonal selection theory was proposed by-----

A)Paul Ehrlich B) Burnet C) Bennet D) Dreyer

iii)-----lymphocytes involved in cell cytotoxicity.

A)B B)T C)T_H D)T_C

iv) -----Medium used for screening of hybrid cells.

A)CAT B)MAT C)HAT D)TAC

V)MHC II present antigen to -----

A)B B)T C)T_H D)T_C

Q.2.Define monoclonal antibody. Describe in detail hybridoma technology. Add a note on its applications. 10 M

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce & V.P.Science College, Kurduwadi.

Unit Test Examination 2023-24

Subject-**Industrial Microbiology** Class-B.Sc.III

Sem.-V Marks-20 Time 45 Min.

Que no. 1 Select the correct alternative **Marks 05**

1. Streptomycin was discovered by....
a. Alexander Fleming b. Waksman c. Murakami d. Woodroof and Macdaniel
2.is not an essential amino acid
a. Lysine b.Histidine c. Glycine d. Phenyl alanine
3. Chemical nature of Streptomycin is
a. Basic b.Acidic c. Salt d.Alcoholic
4.is used for treatment of diabetes
a. Insulin b. Interferon c. Monoclonal antibody d. Growth hormone
- 5.Lysine is type of amino acid.
a.Acidic b. Basic c.Sulphur containing d. Aromatic

Que no. 2 Answer Any 3 of following **Marks 15**

1. Process of insulin production
2. Azotobacter as a Biofertilizer
- 3.Bioinsecticides
4. Uses of IFN as rDNA product

Subject- Agricultural Microbiology

Class-B.Sc. III

Sem.-V Marks-15 Time 45 Min.

Que no. 1 All questions are compulsory

Marks 05

1. Fungal fruiting bodies are of the disease.
a. Symptom b. Sign c. Treatment d. none
2. Abnormal growth of certain tissue of plant is
a. Dwarfism b. Atrophy c. Hypertrophy d. chlorosis
3. When green pigment of plant is replaced by Red, Purple, orange pigment that condition is called as
a. Chromosis b. Chlorosis c. Etiolation d. dwarfing
4. The loss of green pigment due to prolonged exposure to darkness is called as
a. Etiolation b. Dwarfism c. Hyperplasia d. Atrophy
5. The powdery appearance of plant infection is due to
a. Fungal spores b. Bacterial growth c. nematodes d. Abiotic factors

Que no. 2 Write Short Notes:- (Any Two)

Marks 10

1. Biotic, Mesobiotic and Abiotic factors causing plant disease
2. Write down any 5 general symptoms of the plant disease.
3. Mode of infection in plants

MICROBIAL BIOCHEMISTRY

Q.1. Multiple choice questions

5 M

i)-----coined the term enzyme.

A) L.Pasteur B) W.Kuhne C) F.Crick D) Watson

ii) The difference between energy level of ground state and excited state known as-----

A) Activation energy B) Binding energy C) Transition state D) Free energy

iii) The regulatory enzymes for which substrate and modulator is identical is known as-----
cooperativity

A) Heterotropic B) Homotropic C) Negative D) Inhibitory

iv) Multiple forms of enzymes catalyse the same reaction is called as-----.

A) Ribozyme B) Isozyme C) Enzyme D) Coenzyme.

V) Substrate binds with active site by-----bonds.

A) Ionic B) Vander walls C) Hydrogen D) Covalent

Q.2. Define catalysis. Describe in detail factors affecting on catalytic efficiency of enzymes. 08 M

Q.3. Derive Michaelis-Menten kinetic equation. Add a note on significance of K_m and V_{max} . 07 M

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts & Commerce College, Kurduwadi.
Internal Examination Feb.2023-24

Subject – **Microbial Genetics** Class-B.Sc. III
Sem. - VI Marks-15 Time 45 Min.

Q. No. 1. Rewrite the following sentences by choosing correct alternatives

05Marks

6. DNA polymerase I is having _____ exonuclease.
 - a) 3' – 5'
 - b) 5' – 3'
 - c) Both
 - d) None
7. The replication in which the newly synthesized DNA is having one old strand from parent and one new strand is called as _____.
 - a) Conservative
 - b) Dispersive
 - c) Semiconservative
 - d) None
8. the enzyme involved in unwinding of DNA is _____.
 - b) Topoisomerase
 - c) DNA ligase
 - c) Helicase
 - d) DNase
9. RNA polymerase is having _____ different polypeptide chains.
 - b) 2
 - c) 3
 - c) 5
 - d) 4
10. The structural gene present in lac operon is _____.
 - b) Lac C
 - c) Lac Z
 - c) Lac S
 - d) Lac N

Q. No. 2. Explain the process of replication. 05 Marks

Q. No. 3. Write in detail, Mechanism of transcription. 05 Marks

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce and Vinayakrao Patil Science College, Kurduwadi.
Unit Test Examination 2023-2024
Subject- **Virology, Extremophiles and Bioinformatics**

Class-B.Sc.III

Sem.-V Marks-20 Time 45 Min

Que no. 1 All questions are compulsory

Marks 05

1. Alkalophiles have their growth optimum between pH

- a. 5.5 and 7.0 b. 0 and 5.5 c. 7.0 and 9.5 d. 11 and above

2. What is NCBI?

- a. National Council for biology Information
b. National Center for Biology Information
c. National Center for Biotechnology Information
d. National Center for Biotechnology Informatics

3. The organism growing at temperature 35°C are called as

- a. Thermophile b. Mesophile
c. Psychrotroph d. Psychrophile.

4. Water will enter the cell when it is kept in solution

- a. Hypertonic b. Hypertonic
c. Isotonic d. Saline

5. The intact virus unit or infectious particle is termed as


- a. Virion b. Viroid c. Prion d. Mycoplasma

Que no. 2 Write Short Notes:- (Any Three)

Marks 15

1. Psychrophiles and Psychrotrophs
2. Thermophile
3. Acidophile
4. Barophile


Head, Department of Microbiology,
K.N.R.A.C. & V.P.S. College, Bhosare


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Crystallography [MCA]

1] Interaction between atoms & molecules is very strong is called solid.

- a] strong b] weak
c] Neutral d] poor

2] The study of crystal structure by the means of x-ray diffraction is called crystallography.

- a] refraction b] Reflection
c] diffraction d] Double refraction.

3] Regular & periodic arrangement of atoms & molecules is called crystalline solid

- a] Irregular b] regular
c] equal d] unequal.

4] glue is an example of amorphous solid

- a] Iron b] compound
c] glue d] gold

5] Amorphous solid is also known as pseudo solid

- a] true b] false
c] Imaginary d] pseudo

6] A periodic array of point in 3D space is called lattice

- a] 3D b] 2D
c] 1D d] 1D.

F. Y. B. Sc Botany

Question Bank

2023-24

Objectives

1. The study of algae is known as -----

- a) Mycology
- b) Phycology
- c) Taxonomy
- d) Physiology

2. The branch which deals with study of fungi is known as-----

- a) Physiology
- b) Ecology
- c) Mycology
- d) Phycology

3. Thalloid and non flowering plants are known as -----

- a) Angiosperm
- b) Thallophyta
- c) Gymnosperm
- d) Dicotyledons

Algae

2 Marks Questions:

1. What is epiphytic algae
2. What is symbiotic algae
3. The reserve food material in algae is -----
 - a) cellulose
 - b) starch
 - c) protein
 - d) glycogen
4. The cell wall in algae is made up of-----
 - a) Chitin
 - b) cellulose
 - c) pectin
 - d) glycogen
5. Fusion between gametes of equal sizes is called -----
 - a) Isogamy
 - b) Anisogamy
 - c) Oogamy
 - d) Dichotogamy
6. Fusion between gametes of unequal sizes is called -----
 - a) Dichotogamy
 - b) Anisogamy
 - c) Oogamy
 - d) Isogamy

7. An alga growing on aquatic animal is called-----

- a) Epizoic
- b) Endozoic
- c) Epiphytic
- d) Terrestrial

8. The algae growing in seawater is known as -----

- a) Freshwater algae
- b) Terrestrial algae
- c) Marine algae
- d) Lithophytic algae

4 Marks Questions:

1. Give the general characters of algae.
2. Describe the methods of vegetative reproduction in algae.

6 Marks Questions:

1. Describe the range of thallus in algae.
2. Describe the methods of asexual reproduction in algae.
3. Describe the methods of sexual reproduction in algae.

Chapter : 3 Classification of Algae

2 Marks Questions:

1. Name the reserve food material found in Rhodophyta.
2. Name the reserve food material found in Cyanophyta.
3. What is the reserve food material in brown algae.
4. Name any two classes of algae in which motile cells are absent.
5. Plastids are absent in-----

- a) Cyanophyta
- b) Chlorophyta
- c) Rhodophyta
- d) Phaeophyta

6. Motile cells are absent in the life cycle of -----

- a) Chlorophyceae
- b) Euglenophyceae
- c) Cyanophyceae
- d) Chrysophyceae

7. Sexual reproduction absent in -----

- a) Cyanophyta
- b) Chlorophyta
- c) Phaeophyta
- d) Rhodophyta

8. Xanthophyll is the principal pigment in the member of the----

- a) Chlorophyceae
- b) Cyanophyceae
- c) Xanthophyceae
- d) Rhodophyceae

9. Which of the following has prokaryotic cells -----

- a) Nostoc
- b) Ulothrix
- c) Sargassum
- d) Spirogyra

10. Desmophyceae and Dinophyceae are the classes of -----

- a) Pyrophyta
- b) Phaeophyta
- c) Chlorophyta
- d) Cryptophyta

11. Sex organs are surrounded by sterile sheath in -----

- a) Chara
- b) Ulothrix
- c) Sargassum
- d) Nostoc

12. Members of the Bacillariophyceae are commonly called as -----

- a) Blue greens
- b) Grass green
- c) Diatoms
- d) Red algae

4 Marks Questions:

1. Give the importance characters of Cyanophyta.
2. Give the distinguishing features of Rhodophyta.
3. Give the distinguishing characters of Euglenophyta.

6 Marks Questions:

1. Give the outline classification of algae upto classes as given by G.M.Smith with suitable example of each.
2. Enlist the major divisions of algae as per G.M.Smith and give the distinguishing features of any one.
3. Give the distinguishing features of Chlorophyceae and Phaeophyceae.

Chapter: 4 Study of Life History of Ulothrix

2 Marks Questions:

1. What is the function of hold fast in Ulothrix?
2. What is heterothallism?
3. Differentiate Macro and Microzoospores in Ulothrix
4. Differentiate aplanospores and Hypnospores
5. Girdle shaped chloroplast is found in -----
 - a) Sargassum
 - b) Ulothrix
 - c) Sirogyra
 - d) Nostoc
6. Multicellular, uniseriate and unbranched filamentous alga is -----
 - a) Volvox
 - b) Vaucheria
 - c) Ulothrix
 - d) Pandorina
7. Ulothrix produces-----
 - a) Quadriflagellate microspores
 - b) Biflagellate microspores
 - b) Quadriflagellate macrospores
 - d) all of above
8. Plant body of Ulothrix is -----
 - a) Sporophytic
 - b) Gametophytic
 - c) Parasitic

d) None of above

9. The flagella of zoospores in Ulothrix are ----- in position

a) Posterior

b) lateral

c) anterior

d) All of above

10. Zoospores are product of----- reproduction in Ulothrix

a) Asexual

b) Vegetative

c) Sexual

d) Parthenogenesis

4 Marks Questions:

1. Sketch label and describe structure of cell in Ulothrix.
2. Describe the various types of zoospores in Ulothrix.
3. Give the classification with reasons of Ulothrix.
4. Palmella stage in Ulothrix.

6 Marks Questions:

1. Give the classification and external morphology of Ulothrix.
2. Sketch, label and describe Ulothrix filament.
3. Describe the various methods of asexual reproduction in Ulothrix.

Study of Life History of Sargassum

2 Marks Questions:

1. How vegetative reproduction takeplace in Sargassum?
2. What is monoecious and dioecious?

3. Distinguish primary and secondary laterals in Sargassum
4. Sterile cavities present on leaves and air bladder of Sargassum are called as-----
--
- a) Conceptacles
 - b) Cryptoblasts
 - c) holdfast
 - d) None of above
5. Sexual reproduction in Sargassum is -----type
- a) Isogamous
 - b) Anisogamous
 - c) Oogamous
 - d) None of above
6. Sargassum plant body is -----
- a)Haploid
 - b)Diploid
 - c) Triploid
 - d) Monoploid
7. Which of the following is called as -----
- a) Volvox
 - b) Sargassum
 - c) Spirogyra
 - d) Ulothrix
8. In Sargassum the part of the Oogonium that forms the psuedostalk
is called as-----
- a) Exochite

b) Mesochite

c) Endochite

d) stalk cells

9. The product of photosynthesis in sargassum is -----

a) Starch

b) Protein

c) Manitol

d) Glycerol

4 Marks Questions:

1. Give the systematic position of Sargassum.

2. Describe the process of fertilization in Sargassum

3. Give the graphical life cycle of Sargassum.

4. Describe the sex organs of Sargassum.

5. What are the functions of holdfast and air bladder of Sargassum.

6 Marks Questions:

1. Draw a labelled diagram and describe external morphology of Sargassum.

2. Sketch, label and describe T.S. of axis of Sargassum.

3. Sketch label and describe female conceptacle of Sargassum.

4. Sketch label and describe female conceptacle of Sargassum.

Economic Importance of Algae

2 Marks Questions:

1. Diatomaceous earth is obtained from -----

a) Diatom

b) Sargassum

c) Ulothrix

d) Spirogyra

2. Agar- agar is obtained from -----

a) Ulothrix

b) Spirogyra

c) Gracillaria

d) Nostoc

4 Marks Questions:

1. Explain the role of algae in petroleum and gas.

2. Write note on Agar-agar and diatomite.

3. Role of algae in space travel.

4. Explain spoilage of water reservoir by algae.

6 Marks Questions:

1. Role of algae in agriculture and industry.

2. Give the application of algae in food and medicine.

3. Describe harmful effect of algae.

Fungi

2 Marks Questions:

1- What is coenocytic Mycelium?

2- What is obligate parasite?

3- What is plasmogamy?

4- The study of fungi is known as -----

a) Mycology

b) Phycology

c) Ecology

d) Taxonomy

5- Reserve food material in fungi is-----

a) cellulose

b) starch

c) protein

d) Glycogen & oil

6- Cell wall in fungi is made up of -----

a) Pectine

b) Chitin

c) Protein

d) Glycine

7- The mass of hyphae is known as -----

a) Penicillium

b) Mycelium

c) Plasmodium

d) Pseudopodium

8- Vegetative stage in Myxomycetes is called as-----

a) Plasmodium

b) Mycelium

c) Hypha

d) Pseudopodium

4 Marks Questions:

1. Describe thallus structure in Fungi.

2. Explain Oogamous reproduction in Fungi.

3. Explain gamatangial copulation in Fungi.

4. Describe Isogamy and Anisogamy in Fungi.

6 Marks Questions:

1. Describe the general characters of Fungi?

2. Describe the methods of reproduction in Fungi

3. What are Fungi? Give the habit and habitat of Fungi.

4. Describe the modes of nutrition in Fungi.

Classification of Fungi

2 marks Questions:

1. Aseptate mycelium is found in class-----

a) Ascomycetes

b) Basidiomycetes

c) Myxomycetes

d) Phycomycetes

2. Septate mycelium is found in -----

- a)Ascomycetes & Myxomycetes
- b)Basidiomycetes & Phycomycetes
- c)Ascomycetes & Basidiomycetes
- d)Ascomycetes & Phycomycetes

3. Ascocarp type of fruiting bodies are found in class-----

- a)Ascomycetes
- b)Basidiomycetes
- c)Phycomycetes
- d)Myxomycetes

4. Basidiomycetes produces -----type of fruiting bodies

- a)Ascocarp
- b)cleistothecium
- c)Basidiocarp
- d)Basidiospore

5. The fungi in which sexual reproduction is absent are classified in class-----

- a)Ascomycetes
- b)Deuteromycetes
- c)Phycomycetes
- d)Myxomycetes

6. The mycelium in ascomycetes is -----

- a)Dikariotic
- b)Monokariotic
- c)Diploid
- d)Multinucleate

7. What are zoospores?

8. Describe basidium

9. Eucarpic thallus

10. Holocarpic thallus

11. Conidium

12. Conidiophore

4 Marks Questions:

1- Give the characters of Deuteromycetes

2- Give the characters of Phycomycetes

3- Give the characters of Myxomycetes

4- Give the characters of Ascomycetes

6 Marks Questions:

1. Give outline classification of fungi as per G.M. Smith upto classes giving example of each class.

2. Differentiate class Phycomycetes and Ascomycetes.

3. Differentiate Div.-Myxomycophyta and Eumycophyta.

4. Describe the general characters of Basidiomycetes.

Economic importance of Fungi

2 Marks Questions:

1- What are antibiotics?

2- What is pathogen?

3- Role of Fungi in cheese making

4- Role of Fungi in bread making

5- Enlist any two organic acids produced by fungi

6- What is Mycorrhiza?

7-Name any two enzymes produced by Fungi

8-One of the common disease caused by fungi is-----

- a)Plague
- b)Cholera
- c)Typhoid
- d)Aspergillosis

09-Penicillin is produced by-----

- a)Aspergillus
- b)Albugo
- c)Penicillium
- d)Spirulina

10-Aspergillus is used for production of -----

- a)Penicillin
- b)Streptomycin
- c)Citric acid
- d)Acetic acid

11-One of fungi used as food from following is -----

- a)Agaricus
- b)Albugo
- c)Penicillium
- d)Aspergillus

12 -----fungus is used in production of Alcohol

- a)Yeast
- b)Albugo
- c)Streptomyces

d)Penicillium

13-Smut and rust diseased are caused by-----

a)Bacteria

b)Algae

c)Viruses

d)Fungi

4 Marks Questions:

- 1.Explain the role of fungi in fermentation industries.
- 2.Explain symbiotic activities of fungi.
3. Write a note on biodeterioration due to fungi.
- 4.Explain role of fungi in plant diseases.
- 5.Explain role of fungi in human and animal diseases.
6. Write a note on “fungi as food”.

6 Marks Questions:

1. Give the economic importance of fungi with respect to agriculture and food.
2. Give the applications of fungi in Industries and Medicine.
3. Describe the harmful activities of fungi.

BRYOPHYTES.

2 Marks Questions:

Q.1 Define diversity?

Q.2 Which plants are higher cryptogamic plants?

CHAPTER 2- Bryophytes

2 Marks Questions:

Q.1 Give any four characters of bryophytes?

CHAPTER 3 Classification of Bryophytes

2 Marks Questions:

Q.1 Give any two examples of class Hepaticae and Anthocerotaceae.

Q.2 Give any two examples of class Hepaticae and Musci

Q.3 Give any two examples of class Anthocerotaceae and Musci

Q.4 Give any four examples of Bryophytes?

Q.5 The common term for class Hepaticae

a) Stone worts

b) Liver worts

c) Horn worts

d) Thorn worts

Q.6 The common term for Anthocerotaceae is

a) Stone worts

b) Liver worts

c) Thorn worts

d) Horn worts

Q.7 The common term for class Musci is

a) Mosses

- b) Sossess
- c) Horn worts
- d) Thorn worts

Q.8 In Bryophytes essential factor for competition of life is

- a) Water
- b) Soil
- c) Light
- d) Fertilizers

Q.9 Bryophytes flourish luxuriantly on

- a) Moist soil
- b) Dry soil
- c) Loamy soil
- d) Sandy soil

Q.10 In Bryophytes the plant body generally is

- a) Liver shaped
- b) Kidney shaped
- c) Heart shaped
- d) Girdle shaped

Q.11 Among the land plants Bryophytes are described as

- a) Amphibious
- b) Terrestrial
- c) Aquatic
- d) Marine

Q.12 The juvenile stage of gametophyte in mosses is known as

- a) Gammae

- b) Bulbils
- c) Protonema
- e) Tubers

Q.13 The protonema in Funaria is composed of

- a) Leaves and buds
- b) Rhizoids and Stolons
- c) Rhizoidal and Aerial branches
- d) Seta and Capsule

Q.14 The spores of Funaria on germination produce

- a) Buds
- b) Calyx
- c) Protonema
- d) Sporophyte

4 Marks Questions:

Q.1 Which plants are higher cryptogamic plants.

Q.2 How gametophyte of hepaticae differ from that of gametophyte of Musci Externally.

Q.3 How sporophyte of Hepaticae differs from sporophyte of Musci.

Q.4 Write on diversity in gametophyte of bryophytes.

Q.5 Write on diversity in sporophyte of bryophytes.

Q.6 Write the general characters of bryophytes.

Q.7 Write a short note on vegetative propagation in bryophyta.

Q.8 State general characters of bryophytes with reference to reproduction and Sporophyte.

Q.9 Describe difference between bryophytes and pteridophytes.

Q.10 Give any four characters of Hepaticae and any two examples of Hepaticae.

Q.11 Give any four important character of class Anthocerotaceae with two examples of class.

Q.12 Write any four important characters of class Musci give two examples of class Musci.

Study of life history of Riccia.

2 Marks Questions:

Q.1 Describe the Rhizoids of Riccia.

Q.2 Give the nature of habitat where Riccia grow well.

Q.3 Sketch and label the thallus of Riccia showing external feature.

Q.4 State the names of methods of Vegetative reproduction in Riccia.

Q.5 Give the name and position of sex organs of Riccia.

Q.6 Give the dehiscence of Antheridium of Riccia.

Q.7 Why sporophyte is dependend on gametophyte in Riccia.

Q.8 Describe dispersal of spores in Riccia.

Q.9 Write about vegetative reproduction by tubers in Riccia.

Q.10 Describe the structure of Anthozoid in Riccia.

Q.11 What do you mean by spore tetrad?

Q.12 Name any two species of Riccia known to you.

Q.13 Describe the position and structure of seeds in Riccia.

Q.14 Describe the position of sporophyte of Riccia.

Q.15 Mention any two differences of Riccia and Funaria with reference to Sporophyte.

Q.16 Mention any two differences of rhizoids between Riccia and Funaria.

Q.17 Give the position and function of Riccia rhizoids.

Q.18 Comment on upper epidermis of thallus of Riccia.

Q.19 Draw a labeled diagram of structure of spore of Riccia.

Q.20 Describe the structure of spore of Riccia.

Q.21 Describe the habitat of Riccia.

Q.22 Describe the dehiscence of sporophyte of Riccia.

Q.23 Draw a labelled sketch of rhizoids of Riccia.

Q.24 Draw a labelled sketch of scale of Riccia.

Q.25 Draw a labelled sketch of dorsal view of Riccia thallus.

Q.26 Draw a labelled sketch of ventral view of Riccia thallus.

Q.27 Give function of rhizoids and scales of Riccia.

Q.28 The sporophyte of Riccia is

- a) Independent
- b) Dependent
- c) Parasite
- d) Partially dependent

Q.29 Male sex gamete of Riccia is called

- a) Spermata
- b) Conidia
- c) Sporotia
- d) Anthozoid

Q.30 Spores of Riccia are organized in groups.

- a) Two
- b) Four
- c) Six
- d) Five

Q.31 Draw a labeled diagram of archegonia in Riccia.

Q.32 Draw a labeled diagram of anthredium in Riccia.

Q.33 Write a short note on mechanism of dispersal of spores in Riccia

Q.34 Why air pores in Riccia are not called stomata.

Q.35 Is the sporophyte of Riccia wholly dependent on the gametophyte its nutrition and justify your answer.

Q.36 Draw a neat and labeled diagram of T.S. of thallus of Riccia.

Q.37 Comment on photosynthetic region in Riccia thallus.

Q.38 Describe air canals in thallus of Riccia.

4 Marks Questions:

Q.1 Study of life history of Riccia.

Q.2 Give the systematic position of Riccia with two reason at each stage.

Q.3 Write a short note on fertilization in Riccia.

Q.4 describe the structure of mature anthredium in Riccia.

Q.5 Describe structure of mature archegonium in Riccia.

Q.6 Describe different methods of vegetative reproduction in Riccia.

Q.7 Give the functions of two different regions of Riccia.

Q.8 With a labeled diagram describe sporophyte of Riccia.

Q.9 Write a note on sex organs in Riccia.

Q.10 Describe external morphology of adult gametophyte in Riccia.

Q.11 Draw, label and describe the internal structure of thallus of Riccia.

Q.12 Give position and structure of male sex organ in Riccia.

Q.13 Give position and structure of female sex organ in Riccia

Q.14 Describe dehiscence of sporophyte and dispersal of spores in Riccia.

Q.15 Describe the structure of spores and germination of spores and Riccia.

Q.16 How do the bryophytes differ from pteridophytes in structure of thallus.

Q.17 Describe the various types of vegetative propagation observed in Riccia.

6 Marks Questions:

Q.1 Describe the gametophyte of Riccia.

Q.2 Give diagrammatic Reproduction and alternation of generation in Riccia
Thallus.

Q.3 Describe habitat required for growth of Riccia. Give distribution of Riccia in
India also give systematic position of Riccia With reasons.

Q.4 Sketch, label and describe male and female reproductive structure in Riccia.

Q.5 State the economic importance of bryophytes.

Economic Importance Of Bryophytes

2 Marks Questions:

Q.1 State how bryophyte help in soil erosion.

Q.2 State how bryophyte help in soil building.

Q.3 State any four uses of peat mosses.

Q.4 Describe the role of bryophytes in plant succession.

Q.5 Describe role of bryophyte in conservation of soil.

Q.6 Describe role of bryophyte in development of soil.

Q.7 Describe role of bryophyte as packing material.

Q.8 Describe role of bryophyte in plant growth.

Q.9 Describe any four medicinal uses of bryophytes.

6 Marks Questions:

Q.1 Describe various economic importance of bryophytes.

Pteridophytes

2 Marks Questions:

1. State the nature of habitat required for the growth of pteridophytes.
2. The most primitive land plants are
 - a) Bryophytes b) Pteridophytes
 - c) Gymnosperms d) Fungi
3. Hydrophytic pteridophyte is
 - a) Lycopodium b) Azolla
 - c) Equisetum d) Selaginella
4. Pteridophytes are intermediates between
 - a) Bryophytes and Gymnosperms b) Thallophytes and Bryophytes
 - c) Bryophytes and Angiosperms d) Gymnosperms and Angiosperms
5. Pteridophytes are called
 - a) Non-vascular cryptogams
 - b) Cellular cryptogams
 - c) Vascular cryptogams
 - d) Non-cellular cryptogams
6. Define eusporangiate type of sporangia.
7. Define leptosporangiate type of sporangia.
8. Define heterospory.
9. What is ligule?
10. What is megasporophyll?
11. What is microsporophyll?
12. Define rhizophore.
13. Differentiate between microspore and megaspore.

14. Differentiate between microsporangia and megasporangia.
15. Describe trabeculae.
16. The term vascular cryptogam denote cryptogams with
 - a) Vascular tissue b) Non-vascular tissue
 - c) Parenchymatous tissue d) invisible tissue
17. In pteridophytes sexual reproduction is
 - a) Isogamous type b) Anisogamous type
 - c) Nanogamous type d) Oogamous type
18. Spores in pteridophyta are produced in special structures are called
 - a) Sporangia b) Archegonia
 - c) Antheridia d) gametangia
19. In pteridophyta fertilization occurs in presence of
 - a) Water b) Air
 - c) Light d) High Temperature
20. The origin of seed habit is associated with
 - a) Homospory b) Megasporangia
 - c) heterospory d) Microsporangia
21. Write any two features of pteridophytes showing similarities with Bryophytes.
22. In what respect the sporophyte of Pteridophytes and Spermatophytes are identical.
23. what are homosporous pteridophytes ? Give example.
24. What are heterosporous pteridophytes? Give example.
25. What is prothallus?
26. How rhizophore is considered as supportive feature.
27. Explain with labelled diagram Dictyostele.

28. Explain Endothecium.
29. Define stele, draw and explain protosteles.
30. Distinguish between perigynium and perithecium.

4 Marks Questions:

- Q.1 What is diversity? Describe diversity with reference to sporophyte of Pteridophytes.
- Q.2 Write about diversity in habitat of pteridophytes.
- Q.3 Write diversity in male prothallus of pteridophyta.
- Q.4 Write diversity in female prothallus of pteridophyta.
- Q.5 Externally how sporophyte of Selaginella differ from sporophyte of Adiantum.
- Q.6 State any eight features of pteridophytes
- Q.7 Write any four distinguishing features of psilophyta.
- Q.8 Differentiate sporophyte of psilophyta and lepidophyta.
- Q.9 Write any four distinguishing features of lepidophyta.
- Q. 10 Write any four differences of lepidophyta and calamophyta.
- Q. 11 Explain in brief sporangia in pteridophyta.

Chapter-8 Classification of Pteridophytes

2 Marks Questions:

- Q1. Plants belonging to division psilophyta
- a) Heterosporous b) Homosporous
 - c) Without sporous d) Isosporous
- Q2. In division Psilophyta the sporophyte consists of under ground
- a) Root system b) Rhizoid system
 - c) Rhizome and rhizoids d) Stem system
- Q3. In division Psilophyta vascular cylinder is

- a) Eustelic b) Actinostilic
- c) Protostilic d) Siphonostilic

4 Marks Questions:

- Q1. Differentiate between sporophyte of Calamophyta and Pteridophyta
- Q2. Give in detail distinguishing features of lepidophyta.
- Q3. Give in detail distinguishing features of Psilophyta.
- Q4. Give in detail distinguishing features of Clamophyta
- Q5. Write variation between division psilophyta and lepidophyta
- Q6. Explain characteristic features of lepidophyta give two examples of lepidophyta
- Q7. Explain characteristic features of Pterophyta give two examples.
- Q8. Differentiate between division lepidophyta and pterophyta of pteridophytes.

6 Marks Questions:

- Q 1. Give account of classification of pteridophytes by G M Smith up to classes with at least two examples of each class.

Study of life history of Selaginella

2 Marks Questions:

- Q1. Give systematic position of Selaginella with at least two reasons at each stage of classification.
- Q2. Explain external feature of Selaginella thallus.
- Q3. Explain internal feature of Selaginella thallus.
- Q4. Describe the stele of stem of Selaginella.
- Q5. Sketch and label T.S. of Selaginella stem .
- Q6. Sketch and label T.S. of Selaginella root.
- Q7. Sketch and label T.S. of Rhizophore of Selaginella.
- Q8. Sketch and label L.S. of Strobilus of Selaginella.

Q9. Describe spermatozoid of Selaginella.

Q10. Describe structure of mature embryo in Selaginella.

Q11. Explain stele in Selaginella.

Q 12. Sketch and label the male gametophyte in Selaginella.

Q. 13 Sketch and label the female gametophyte in Selaginella.

4 Marks Questions:

Q1. Describe Antheridium of Selaginella.

Q2. Describe structure of mature archegonium of Selaginella.

Q3. Give graphical presentation alternation of generation in Selaginella.

Q4. Describe in brief morphological nature of the rhizophore of Selaginella.

Q5. Write a note on mode of fertilization in Selaginella.

Q 6. Describe in detail external morphology of Selaginella plant with the help of labeled sketch.

Q7. Habit , Habitat & spore of Selaginella shows diversity. Explain.

Q8. With the help of labeled sketch explain – internal structure of Selaginella stem.

9. Describe the structure of megasporangium in Selaginella.

10. Describe the structure of microsporangium in Selaginella.

11. Describe dehiscence of microsporangium and megasporangium in Selaginella.

12. Describe spermatozoid with labelled sketch in Selaginella.

13. Describe the structure of archegonium in Selaginella .

14. Describe the process of fertilization in Selaginella.

15. Describe development and structure of mature embryo in Selaginella.

16. Describe how heterospory leads to seed habit.

17. Distinguish the rhizophore of Selaginella from roots of Selaginella.

18. Explain the leaf arrangement of Selaginella.

19. Embryo in Selaginella is endosporic explain.
20. How rhizophore of Selaginella resemble with stem and roots of Selaginella. State two characters of each.
21. Mention any two types of vegetative reproduction in Selaginella.
22. Explain the habitat required for the growth of Selaginella.
23. Explain external feature of leaf of Selaginella.
24. Give the external feature of ligule of Selaginella.
25. Give the structure of Selaginella microspore.
26. Give the structure of megaspore of Selaginella.
27. Explain in brief how dehiscence of sporangia takes place in Selaginella.
28. Give systematic position of Selaginella.
29. Describe structure of microsporangium of Selaginella.
30. Describe structure of megasporangium of Selaginella.
31. Sketch and label the parts of microsporangium and megasporangium of Selaginella.

6 Marks Questions:

1. Describe organization of megaspore & development of female gametophyte in Selaginella.
2. Explain germination of microspore & development of male gametophyte in Selaginella.
3. Selaginella is quite distinct from Adiantum explain in brief.
4. Describe alternation of generation in Selaginella.

Economic importance of Pteridophyte

4 Marks Questions:

- 1) State in brief any four importance of Pteridophyte.
- 2) Give economic importance of Pteridophyte.

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हिंदी प्रश्नसंच

Year 2023- 2024

- 1 आ. रामचंद्र शुक्ल ने हिन्दी का प्रथम मौलिक उपन्यास किसे माना है ?
a भाग्यवती b परिक्षागुरु c नूतन ब्रम्हचारी d गोदान
- 2 जगदीशचंद्र माथुर द्वारा लिखित 'धरती धन न अपना' उपन्यास के पात्र निम्न में से नहीं है?
a काली b जानों c हरदेव चौधरी d दिव्या
- 3 किस उपन्यास को महाकाव्यात्मक उपन्यास कहा जाता है ?
a तमस b झूठा सच c कर्मभूमि d समय सरगम
- 4 प्रेमचंद किस प्रकार के उपन्यासकार माने जाते हैं ?
a यथार्थवादी b आदर्शवादी c आदर्शोन्मुख यथार्थवादी d यथार्थोन्मुख आदर्शवादी
- 5 किस उपन्यासकार ने अपने किस उपन्यास में उपन्यास के एक नवीन रूप को आंचलिक उपन्यास की संज्ञा प्रदान की थी।
a रांगेय राघव -कब तक पुकारु b नागार्जुन -बाबा बटेसरनाथ c फणीश्वरनाथ रेणु -मैला आचल
d अमृतलाल नागर -सेठ बाकेमल
- 6 मेरीगंज गाव में मुख्यतः तीन दल हैं निम्न में से कौनसा दल इसमें शामिल नहीं है
a राजपूत b कायस्थ c यादव d भूमिहार
- 7 निम्नलिखित उपन्यास को उनके स्त्री पात्रों से सुमेलित कीजिए
- | | |
|----------------------|----------|
| a बाणभट्ट की आत्मकथा | कमला |
| b झूठा सच | निपुणिका |
| c राग दरबारी | बेला |
| d मैला आचल | कनक |
- कोड
- | | | | | |
|---|-----|-----|-----|-----|
| a | ii | iv | i | iii |
| b | iii | iv | i | ii |
| c | ii | iii | i | iv |
| d | ii | i | iii | iv |
- 8 निम्नलिखित उपन्यासों को उनके प्रकाशन वर्ष से सुमेलित कीजिए
- | | |
|--------------------|-------------|
| a परिक्षागुरु | i 1877 इ. |
| b भाग्यवती | ii 1882 इ. |
| c सौ अजान एक सुजान | iii 1892 इ. |
| d निःसहाय हिंदू | iv 1890 इ. |

कोड	a	b	c	d
a	ii	iv	i	iii
b	ii	iv	i	iii

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c	ii	iii	i	iv
d	ii	i	iii	iv

9 राग दरबारी किस शैली में लिखा उपन्यास है ?

a रिपोर्टाज शैली b आत्मकथात्मक शैली c पत्रात्मक शैली d चित्रात्मक शैली

10 यशपाल द्वारा लिखित किस उपन्यास में देश विभाजन की त्रासदी को स्पष्ट किया है ?

a बाणभट्ट की आत्मकथा b झूठा सच c शेखर एक जीवनी d गोदान

11 आ.शुक्ल के अनुसार सं.1900 में किशोरीलाल गोस्वामी की इंदुमती कहानी किस पत्रिका में प्रकाशित हुई ?

a सुदर्शन b सरस्वती. c प्रतीक d सारिका

12 निम्नलिखित में से कौनसी कहानी चंद्रधर शर्मा गुलेरी द्वारा लिखित नहीं है

a सुखमय जीवन b बुद्धू का कांटा c उसने कहा था d विधवा

13 नयी कहानी आंदोलन की शुरुवात कहाँ से मानी जाती है ?

a 1978 b 1950 c 1960 d 1972

14 जनवादी लेखक संघ की स्थापना सन 1982 में कहाँ हुयी ?

a दिल्ली b मुंबई c कानपुर d कलकत्ता

15 निम्नलिखित लेखकों को उनकी कहानियों से सुमेलित कीजिए

a फणीश्वरनाथ रेणु	राजा निरंबसिया
b जानरंजन	परिदे
c निर्मल वर्मा	तिसरी कसम
d कमलेश्वर	पिता

कोड	a	b	c	d
a	iii	iv	ii	i
b	ii	iv	i	iii
c	ii	iii	i	iv
d	iv	i	iii	ii

16 'हार की जीत' किस विधा की कृति है

a काव्य b उपन्यास c कहानी d नाटक

17 चंद्रधर शर्मा गुलेरी लिखित 'उसने कहा था' कहानी कब प्रकाशित हुई ?

a 1911 इ. b 1913 इ. c 1915 इ. d 1909 इ.

18 निम्नलिखित में से 'आपका बंटी' उपन्यास में कौनसा पात्र नहीं है ?

a शकुन b अजय c यश d फूफी

19 निम्न में से 'धरती धन न अपना' उपन्यास का उद्देश कौनसा है ?

a समाज द्वारा बहिष्कृत कर दी गयी 'चमादड़ी' में रहनेवाले दलित जीवन के त्रासदी को व्यक्त करना
b देश विभाजन की त्रासदी को व्यक्त करना
c शिक्षा व्यवस्था पर व्यंग करना

M. S. Sankar

d देश की पुलिस व्यवस्था पर व्यंग करना

20 निम्नलिखित कहानियों को उनके पात्रों से सुमेलित कीजिए

a सिक्का बदल गया	i लहनासिंह
b राजा निरबंसिया	ii बुद्धगुप्त
c उसने कहा था	iii जगपती
d आकाशदीप	iv शेरा

कोड	a	b	c	d
a	iii	iv	ii	i
b	ii	iv	i	iii
c	ii	iii	i	iv
d	iv	iii	i	ii

21 कौनसा पात्र बाणभट्ट की आत्मकथा में नहीं है ?

a निपुणिका b भट्टीनी c बादामी d महामाया

22 'सिक्का बदल गया' कहानी की विषयवस्तु है

- a भारत विभाजन की त्रासदी
b विघटित जीवनमूल्य
c महानगरीय जीवन की समस्याएं
d अजनबीपन

23 निम्नलिखित में से कौनसी कहानी प्रेमचंद द्वारा लिखित नहीं है

a ठाकुर का कुआँ b बड़े घर की बेटी c दुनिया का अनमोल रत्न d कितने पाकिस्तान

24 जैनेन्द्र द्वारा लिखित अपना अपना भाग्य में किस शहर का वर्णन है ?

a बंबई b कलकत्ता c नैनीताल d देहरादून

25 'दुनिया की बेहयाई ढकने के लिए प्रकृति ने शव के लिए सफेद और ठंडे कफन का प्रबंध कर दिया' किस कहानी का वर्णन है

a अपना अपना भाग्य b दिल्ली में एक मौत c काला पहाड़ d एक टोकरी भर मिट्टी

26 प्रेमचंद की पहली कहानी का नाम क्या है ?

a ईदगाह b नमक का दारोगा c पुस की रात d दुनिया का अनमोल रत्न

27 'अगर तू मेरा सच्चा प्रेमी है तो जा दुनिया की सबसे अनमोल चीज लेकर मेरे दरबार में आ' प्रस्तुत वाक्य किसने किससे कहा है ?

a दिलफरेब ने दिलफिगार से b चंपा ने बुद्धगुप्त से c जाहिरा ने चौधरी से d पत्नी ने श्यामनाथ से

28 'चीफ की दावत' कहानी का पात्र निम्न में से कौन है ?

a मिस्टर श्यामनाथ b चौधरी c बुद्धगुप्त d कमल

- 29 'काव्य कला और अन्य निबंध' किसकी रचना है
- जयशंकर प्रसाद
 - महावीरप्रसाद द्विवेदी
 - गुलाबराय
 - राहुल सांकृत्यायन
- 30 'कविता हमारे मनोवेगों को उत्तेजित करने का एक उत्तम साधन है' प्रस्तुत पंक्ति किस निबंधकार ने अपने किस निबंध में लिखी है?
- बालकृष्ण भट्ट - आत्मनिर्भरता
 - हरिशंकर परसाई - निंदा रस
 - रामचन्द्र शुक्ल - कविता क्या है
 - हजारिप्रसाद द्विवेदी - आपने मेरी रचना पढ़ी
- 31 अंधा युग नाटक के कथानक का मूल स्रोत क्या है ?
- रामायण
 - महाभारत
 - आधुनिक
 - आर्थिक
- 32 'सब के सब एक से हैं अलग अलग मुखौटे पर चेहरा सबका एक ही' प्रस्तुत कथन किस नाटक में उद्धृत है ?
- अंधा युग
 - आषाढ का एक दिन
 - आधे अधूरे
 - अंधेरी नगरी
- 33 अंधा युग गीति नाट्य का प्रकाशन वर्ष क्या है ?
- 1963 ई.
 - 1969 ई.
 - 1954 ई.
 - 1970 ई.
- 34 भारतेन्दु द्वारा लिखित नाटक नहीं है
- भारत जननी
 - भारत दुर्दशा
 - नीलदेवी
 - राजश्री
- 35 जयशंकर प्रसाद द्वारा लिखित नाटक नहीं है ।
- जनमेजय का नागयज्ञ
 - ध्रुव स्वामिनी

- c अजातशत्रु
d विषय विशगीषधम

36 कौनसा गीत चंद्रगुप्त नाटक का है ?

- a अरुण यह मधुमय देश हमारा
b हिमाद्रि तुंग शृंग से
c बीती विभावरी जाग री
d a और b दोनों

37 'अंधा युग' में कौनसा पात्र नहीं है ?

- a अश्वथामा
b द्रोणाचार्य
c युयुत्सु
d संजय

38 'धुवस्वामिनी' नाटक का प्रकाशन वर्ष क्या है ?

- a 1922 ई.
b 1933 ई.
c 1921 ई.
d 1927 ई.

39 दुर्जनसिंह किस नाटक का पात्र है

- a आषाढ़ का एक दिन
b धुवस्वामिनी
c अंधेरी नगरी
d बकरी

40 कौनसा गीत बकरी नाटक का है ?

- a अरुण यह मधुमय देश हमारा
b हिमाद्रि तुंग शृंग से
c लोकतंत्र जिंदाबाद जिंदाबाद तुमसे जात पात है आबाद
d बीती विभावरी जाग री

41 कालक्रम की दृष्टि से डॉ. हरिवंशराय बच्चन की आत्मकथा के चार भागों का सही क्रम है

- a दस द्वार से सोपान तक, नीड़ का निर्माण फिर,क्या भूलूँ क्या याद करू, बसेरे से दूर
b बसेरे से दूर,दस द्वार से सोपान तक,नीड़ का निर्माण फिर,क्या भूलूँ क्या याद करू
c क्या भूलूँ क्या याद करू,नीड़ का निर्माण फिर,बसेरे से दूर, दस द्वार से सोपान तक
d नीड़ का निर्माण फिर,क्या भूलूँ क्या याद करू,बसेरे से दूर,दस द्वार से सोपान तक

42 निम्नलिखित में से कौनसा यात्रा साहित्य अजेय द्वारा लिखित है ?

- a अरे यायावर रहेगा याद b पृथ्वी प्रदक्षिणा c सरयुपार की यात्रा d चिड़ों पर चांदनी

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1 Indian Economy

1. Define Gross Domestic Product (GDP). How is it measured in India?
2. What are the main features of a developing economy?
3. Differentiate between planned and market economies.
4. Explain the term 'Fiscal Deficit'. What is its significance for the Indian economy?
5. What is the difference between monetary policy and fiscal policy?
6. What are the main sectors of the Indian economy?

2. Indian Economic Planning

1. What were the main objectives of the First Five-Year Plan in India?
2. Discuss the role of NITI Aayog in the Indian economy.
3. Compare the Green Revolution with the White Revolution in India.
4. What is meant by inclusive growth? How does the government promote it?
5. Explain the concept of public-private partnership (PPP). Provide examples from India.

3. Agriculture

1. What is Minimum Support Price (MSP), and why is it important?
2. Discuss the impact of farm subsidies on the Indian agricultural sector.
3. How does climate change affect agriculture in India?
4. Write a short note on agricultural credit in India.
5. Explain the role of the Food Corporation of India (FCI) in ensuring food security.

4. Industry

1. What is Make in India? Discuss its impact on the industrial sector.
2. Explain the concept of 'Industrial Policy'. What are its key elements in India?
3. Discuss the challenges faced by Micro, Small, and Medium Enterprises (MSMEs) in India.
4. What is the importance of the service sector in the Indian economy?
5. How has Foreign Direct Investment (FDI) contributed to industrial growth in India?

5. Banking and Finance

1. What are the functions of the Reserve Bank of India (RBI)?
2. Explain the concept of Non-Performing Assets (NPAs). Why are they a concern for banks?
3. What is the role of commercial banks in economic development?
4. Define inflation. What measures does the RBI take to control it?
5. Discuss the significance of digital payments in the Indian economy.

6. External Sector

1. What is the Balance of Payments (BoP)? Explain its components.
2. How does the exchange rate affect international trade?
3. Write a short note on the impact of globalization on the Indian economy.
4. Discuss the role of the World Trade Organization (WTO) in India's trade policies.
5. What is India's position in terms of exports and imports globally?

7. Economic Reforms and Policies

1. Discuss the major economic reforms introduced in 1991 in India.
2. What is the Goods and Services Tax (GST)? How has it impacted India's economy?
3. Explain the significance of the Insolvency and Bankruptcy Code (IBC) in India.
4. Discuss the role of Start-up India in promoting entrepreneurship.
5. How does the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) contribute to rural development?

8. Current Economic Issues

1. What are the challenges of unemployment in India? Suggest solutions.
2. Discuss the impact of the COVID-19 pandemic on the Indian economy.
3. What is the role of renewable energy in India's economic development?
4. Explain the impact of climate change on the Indian economy.
5. What steps has India taken to become a \$5 trillion economy?

9. Money

1. Define money. What are its functions?
2. Explain the concept of money supply. What are its determinants?
3. Differentiate between fiat money and commodity money.
4. What are the primary characteristics of a good monetary system?
5. Discuss the role of money in an economy.
6. Explain the concept of demonetization. What were its objectives and impact on the Indian economy?
7. What are the various measures of money supply (M1, M2, M3, and M4) as per RBI classification?

10. Banking

1. What are the primary functions of commercial banks?
2. Explain the concept of credit creation by commercial banks.
3. Discuss the role of the Reserve Bank of India (RBI) in monetary policy.
4. What is a scheduled bank? How is it different from non-scheduled banks?
5. Define and explain Non-Performing Assets (NPAs). How do they affect the banking sector?
6. Discuss the significance of priority sector lending in India.
7. What is the difference between repo rate and reverse repo rate?
8. Explain the role of cooperative banks in rural development.
9. What is meant by digital banking? Discuss its advantages and challenges.

11. Monetary Policy

1. Define monetary policy. What are its objectives?
2. Differentiate between expansionary and contractionary monetary policies.
3. Explain the concept of the cash reserve ratio (CRR) and statutory liquidity ratio (SLR).
4. How does the RBI control inflation through monetary policy?
5. What is quantitative easing? How is it different from conventional monetary policy tools?
6. Discuss the role of open market operations (OMOs) in monetary policy.

12. Public Finance

1. Define public finance. What are its components?
2. Differentiate between public goods and private goods. Provide examples.
3. What is a fiscal deficit? How does it affect the economy?
4. Discuss the concept of tax buoyancy. How is it measured?
5. What is the Goods and Services Tax (GST)? Explain its features and benefits.
6. Explain the difference between direct taxes and indirect taxes.
7. What is deficit financing? How is it used as a tool for economic growth?
8. Discuss the concept of public debt. How does it impact the economy?
9. Explain the significance of a Union Budget. What are its main components?
10. What are grants-in-aid? How are they significant in a federal structure like India?

13. Fiscal Policy

1. Define fiscal policy. What are its objectives?
2. Differentiate between capital expenditure and revenue expenditure.
3. What is the significance of a balanced budget?
4. Explain the concept of progressive taxation.
5. What is meant by budgetary deficit? How is it different from fiscal deficit?
6. Discuss the role of fiscal policy in achieving economic stability.
7. How does the government use subsidies as a tool for fiscal policy?

14. Financial Institutions

1. What is the role of the IMF in international finance?
2. Discuss the functions of the World Bank in economic development.
3. What are Development Financial Institutions (DFIs)? Provide examples from India.
4. Explain the role of SEBI in regulating financial markets.
5. What is the role of NABARD in rural credit?
6. Discuss the impact of digital payments on monetary policy in India.
7. Explain the role of public finance in addressing climate change.
8. How does financial inclusion contribute to economic development?
9. Discuss the implications of rising public debt in India.
10. What are the challenges faced by the banking sector due to technological advancements?

15. Theories of Growth and Development

1. Explain Rostow's stages of economic growth.
2. What is the Harrod-Domar growth model?
3. Discuss the Solow Growth Model and its implications for long-term economic growth.
4. Explain the concept of "vicious circle of poverty."
5. Discuss Amartya Sen's capability approach to development.

16. Factors Affecting Growth and Development

1. What is the role of capital formation in economic development?
2. Discuss the impact of education and skill development on economic growth.
3. Explain the relationship between population growth and economic development.
4. How does technology influence economic growth?
5. What is the significance of infrastructure development in an economy?

17. Indicators of Development

1. Explain the concept of per capita income. Why is it used as an indicator of development?
2. What is the Multidimensional Poverty Index (MPI)?
3. Discuss the role of Gross National Happiness (GNH) as an alternative measure of development.
4. What is the significance of literacy rate and life expectancy as indicators of development?
5. How does the Gini coefficient measure income inequality?

18. Sustainable Development

1. What are the Sustainable Development Goals (SDGs)? List any five.
2. Discuss the relationship between economic growth and environmental sustainability.
3. Explain the concept of carbon footprint and its impact on development.
4. How can renewable energy contribute to sustainable development?
5. What is the role of government in promoting sustainable development?

19. Global and Regional Development

1. Discuss the challenges faced by developing countries in achieving economic growth.
2. Compare the growth patterns of India and China over the past three decades.
3. What is the role of international organizations like the UNDP and World Bank in promoting development?
4. Explain the concept of "North-South divide" in global development.
5. Discuss the role of regional trade agreements in economic growth.

20. Inclusive Growth

1. Define inclusive growth. How is it different from economic growth?
2. What policies can be adopted to achieve inclusive growth in developing countries?
3. Discuss the role of financial inclusion in promoting economic development.

4. How do social welfare programs contribute to inclusive growth?
5. Explain the concept of gender equality in economic development.


21. Challenges to Growth and Development

1. Discuss the impact of corruption on economic growth.
2. How does climate change affect economic development?
3. Explain the problem of unemployment in developing countries.
4. What is the impact of globalization on economic development?
5. Discuss the challenges of income inequality in achieving sustainable growth.

22. Current Issues and Trends

1. What are the challenges in achieving a \$5 trillion economy for India?
 2. Discuss the impact of the COVID-19 pandemic on global economic development.
 3. Explain the role of digital technology in promoting economic growth.
 4. How does the green economy model support sustainable growth?
 5. Discuss the impact of urbanization on economic development.
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QUESTION BANK -२०२३-२४

बी. ए. II, SEM -III, पेपर -III कादंबरी वांग्मय प्रवागर आणि उपयोजित मराठी - वारणेचा वाघ (कादंबरी)

प्रश्न -१ खालीलपैकी योग्य पर्याय निवडा.

- १) वारणेचा वाघ कादंबरीचे लेखक कोण?
अ)विठ्ठल वाघ ब)अण्णाभाऊ साठे क) दया पवार ड) यापैकी नाही
- २) वारणेचा वाघ कादंबरी कधी प्रकाशित झाली?
अ)1968 ब)1958 क) 1955 ड)1900
- ३) कादंबरीचे मध्यवर्ती पात्र कोण आहे?
अ)दादूमांग ब) बनाबाई क)सत्तू भोसले ड)रॉबर्ट
- ४) सत्तू भोसले ला लष्करात नोकरी कोणी मिळवून दिली?
अ)दादू मांग ब)रॉबर्ट क) मेरी ड)यापैकी नाही
- ५) सत्तू च्या आईचे नाव काय होते?
अ) सईबाई ब)सुभद्रा क)बनाबाई ड)मेरी
- ६) सईबाईला बेदम मारहाण कोणी केली?
अ)उमा चौगुले ब)फकीरा क)माताजी चौगुले ड)सत्तू भोसले
- ७) कोणाच्या खुनाने कुमजे गाव थरथरले?
अ)सईबाई ब)सत्तू भोसले क)मथाजी चौगुले ड)बनाबाई
- ८) मथाजी चौगुले याचा खून कोणी केला?
अ)आकाराम ब)आनंदा पाटील क)सत्तू भोसले ड)फकीरा
- ९) वांगणीच्या नामदेवराव सरदेशमुखांकडे पैशाची मागणी करण्यासाठी कोण गेले होते?
अ)आनंदा पाटील ब)बाबुराव क)गोंदा गोंधळी ड) आकाराम
- १०) आकाराम ने कोणाचा खून केला?
अ)फकीरा ब)सत्तू भोसले क)नामदेव सरदेशमुख ड)बाबुराव


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प्रश्न -१ खालीलपैकी योग्य पर्याय निवडा.

१) 'काव्यदर्श' हा ग्रंथ कोणाचा ?

अ-दंडी ब- भामह क- वामन ड- आनंदवर्धन

२) 'शब्दार्थो सहितौ काव्याम'ही व्याख्या कोणाची?

अ- भामह ब- वामन क- आनंदवर्धन ड- दंडी

३) 'ननु शब्दार्थो काव्याम'ही व्याख्या कोणाची ?

अ- रुद्रट ब- वामन क- आनंदवर्धन ड- दंडी

४) 'वक्रोक्ती'हे काव्याचे जीवित आहे असे कोणी मानले ?

अ- रुद्रट ब- कुंतक क- आनंदवर्धन ड- दंडी

५) कोणत्या संस्कृत साहित्यिकाने साहित्याची सहा प्रयोजने सांगितली आहेत?

अ- रुद्रट ब- मम्मट क- आनंदवर्धन ड- दंडी

६) लहान मुलांना गोष्टी ऐकायला आवडतात ते कोणत्या प्रवृत्तीमुळे ?

अ- जिज्ञासापूर्ती ब- स्वप्ररंजन क- नवनिर्मिती ड- पलायनवाद

७) साहित्यातून मिळणाऱ्या उच्च आनंदाला अभिनवगुप्त यांनी कोणते नाव दिले ?

अ- जिज्ञासापूर्ती ब- विश्रांतीकारणी क- निर्भेळ आनंद ड- यापैकी नाही

८) 'प्रतिभा म्हणजे नवनवीन उन्मेष धारण करणारी प्रज्ञा 'अशी प्रतिभेची व्याख्या कोणी केली आहे ?

अ- रुद्रट ब- वाग्भट क- आनंदवर्धन ड- दंडी

९) 'प्रतिभा ही वेडाची बहिण आहे'हा विचार कोणी मांडला ?

अ- लोम्ब्रोसो ब- वाग्भट क- आनंदवर्धन ड- दंडी

१०) शब्दांच्या किती शक्ती आहेत ?

अ- एक ब- दोन क- तीन ड- चार

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Academic Year:- 2023-24

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१. आधुनिक भारताचा जनक म्हणून कोण ओळखला जातो.
अ) राजा राममोहन रॉय
क) स्वामी दयानंद सरस्वती
व) महात्मा गांधी
ड) लोकमान्य टिळक
२. १८१५ साली आल्मिय सभेची स्थापना कोणी केली.
अ) रविंद्रनाथ टागोर
क) स्वामी दयानंद सरस्वती
व) महात्मा गांधी
ड) राजा राममोहन रॉय
३. शेवटच्या मोगल शासक कोण होता.
अ) औरंगजेब
क) वहादुरशहा जफर
व) शहाआलम
ड) कामबक्श
४. 'गो-या माणसावरचे ओझे' या सिध्दांताचे जनका कोण आहेत.
अ) सर जॉन शोअर
क) रुडयार्ड केपलिंग
व) सेंट ऑगस्टिन
ड) एडवर्ड सैद
५. कोणती दोन मोठी भारतीय शहरे गॅड ट्रंक रोडमुळे जोडली गेली
अ) कलकत्ता आणि मुंबई
क) दिल्ली आणि मद्रास
व) दिल्ली आणि मुंबई
ड) कलकत्ता आणि दिल्ली
६. भारतात रेल्वेची सुरुवात झाली तेव्हा भारताचा गव्हर्नर जनरल कोण होता.
अ) लॉर्ड कॉनिंग
क) लॉर्ड विल्यम वेंटिक
व) लॉर्ड वेलस्ली
ड) लॉर्ड डलहौसी
७. कोणती दोन मोठी भारतीय शहरे भारतातील पहिल्या रेल्वे लाईनमुळे जोडली गेली
अ) मुंबई ते ठाणे
क) मुंबई ते पुणे
व) दिल्ली ते मुंबई
ड) कलकत्ता ते दिल्ली
८. कोणत्या भारतीय गव्हर्नर जनरलने भारतात सर्वप्रथम टपाल तिकीटाची सुरुवात केली.
अ) लॉर्ड कॉर्नवालिस
क) लॉर्ड विल्यम वेंटिक
व) लॉर्ड वेलस्ली
ड) लॉर्ड डलहौसी
९. भारतातील पहिल्या कायदा समितीचा अध्यक्ष कोण होता
अ) लॉर्ड कॉर्नवालिस
क) लॉर्ड विल्यम वेंटिक
व) लॉर्ड वेलस्ली
ड) लॉर्ड मेकॉले
१०. भारतात रयतवारी या महामुल पध्दतीची सुरुवात केव्हा झाली.
अ) १७७३.
क) १८५४.
व) १७९३.
ड) १८२०.
११. कोणत्या महामुल व्यवस्थेनुसार भारतीय शेतक-यांना सर्वप्रथम त्यांच्या जमिनीची मालकी हक्क मिळाले.
अ) कायमधारा
क) महलवारी
व) रयतवारी
ड) रिकार्डो च्या सुधारणा

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- १२ . १८ व्या शतकात भारतातील कोणते औद्योगिक उत्पादित वस्तु जगप्रसिध्द होते . .
- अ) कापड व) खनिज तेल
क) दुध व दुग्धजन्य वस्तु ड) शस्त्र व अस्त्र
- १३ . डिफेंस ऑफ युझरी पुस्तक प्रसिध्द पुस्तकाचा लेखक कोण आहे .
- अ) सर जॉन शोअर व) सेंट ऑगस्टिन
क) जेरेमी बेंथम ड) एडवर्ड सैद
- १४ . १८५७ च्या वंडावेळी हजरत महलने कोणत्या भारतीय राज्याचे नेतृत्व केले होते .
- अ) कानपूर व) ओंध
क) नागपूर ड) दिल्ली
- १५ . 'मुक्त व्यापार' या कल्पनेचा जनक म्हणुन कोण ओळखला जातो .
- अ) लॉर्ड कॉर्नवालिस व) लॉर्ड वेलरली
क) लॉर्ड विल्यम वेंटिक ड) अँडम रिमथ
- १६ . 'वहुतम लोकांचे बहुतम सुख' हे विचार कोणी मांडले .
- अ) सेंट ऑगस्टिन व) अमिरचंद
क) जेरेमी बेंथम ड) एडवर्ड सैद
- १७ . 'सिटी ऑफ गॉड' या प्रसिध्द ग्रंथाचे लेखक कोण आहेत .
- अ) सर जॉन शोअर व) सेंट ऑगस्टिन
क) जेरेमी बेंथम ड) एडवर्ड सैद
- १८ . 'गो-या माणसावरचे ओझे' या सिध्दांताचे जनका कोण आहेत .
- अ) सर जॉन शोअर व) सेंट ऑगस्टिन
क) रुडयार्ड केलिंग ड) एडवर्ड सैद
- १९ . कोणती दोन मोठी भारतीय शहरे गॅड ट्रंक रोडमुळे जोडली गेली
- अ) कलकत्ता आणि मुंबई व) दिल्ली आणि मुंबई
क) दिल्ली आणि मद्रास ड) कलकत्ता आणि दिल्ली
- २० . १८१४ साली इंग्लंडमध्ये सर्वप्रथम रेल्वे इंजिनचा शोध कोणी लावला .
- अ) जॉर्ज स्टेफन्सन व) जॉर्ज मार्लक
क) विल्यम गिल्वर्ट ड) जॉन नेपिअर
- २१ . कोणती दोन मोठी भारतीय शहरे भारतातील पहिल्या रेल्वे लाईनमुळे जोडली गेली
- अ) मुंबई ते टाणे व) दिल्ली ते मुंबई
क) मुंबई ते पुणे ड) कलकत्ता ते दिल्ली
- २२ . कोणत्या भारतीय गव्हर्नर जनरलने भारतात सर्वप्रथम टपाल तिकीटाची सुरुवात केली .
- अ) लॉर्ड कॉर्नवालिस व) लॉर्ड वेलरली
क) लॉर्ड विल्यम वेंटिक ड) लॉर्ड डलहौसी
- २३ . १८व्या शतकात लाहोर शहराचा उदय म्हणुन झाला .
- अ) धर्म व तिर्थक्षेत्राचे मुख्य केंद्र व) प्रशासनाचे मुख्यालय
क) सैनिकी मुख्यालय ड) व्यापारी केंद्र
- २४ . भारतात कायमधारा या महामुल पध्दतीची सुरुवात केव्हा झाली .
- अ) १७७३ . व) १७९३ .
क) १८२० . ड) १८५४ .
- २५ . कोणत्या महामुल व्यवस्थेनुसार भारतीय शेतक-यांना सर्वप्रथम त्याच्या जमिनीची मालकी हक्क मिळाले .
- अ) कायमधारा व) रयतचारी
क) महलचारी ड) रिकार्डो च्या सुधारणा

२६. १८ व्या शतकात भारतीय कोणते औद्योगिक उत्पादित वस्तु जगप्रसिद्ध होते . .

- अ) कापड
क) दुध व दुग्धजन्य वस्तु
व) खनिज तेल
ड) शस्त्र व अस्त्र

२७. खालील पैकी कोणते पुस्तक जेरेमी बॅन्थम यानी लिहीले नाही .

- अ) सामाजिक करार
क) द प्रिन्सिपल्स ऑफ मॉरल्स अँड लेजिस्लेशन
व) अ फ्रॅगमेंट ऑन गव्हर्नमेंट
ड) अ डिफेन्स ऑफ युझरी

२८.....या दिवशी मंगल पांडेला फासावर लटकविण्यात आले .

- अ) ७ एप्रिल, १८५७
क) ९ एप्रिल, १८५७
व) ८ एप्रिल, १८५७
ड) १० एप्रिल, १८५७

२९. भारत छोडो आंदोलनावेळी भारताचा व्हाइसरॉय कोण होता

- अ) लॉर्ड माउंटबॅटन
क) लॉर्ड आर्यविन
व) लॉर्ड कॅनिंग
ड) लॉर्ड लिनलिथगो

३०. भारतात कॅबिनेट मिशन आले तेव्हा इंग्लंडचे पंतप्रधान कोण होते

- अ) अँटली
क) मॅकडोनाल्ड
व) चर्चिल
ड) चॅवर्लीन

३१. कोणत्या मुस्लिम विभाजनवादयाने 'Now or Never' हा ग्रंथ लिहीला .

- अ) एम. ए. जिना
क) रहमत अली चौधरी
व) महमद इक्वाल
ड) सर सय्यद अहमदखान

३२. 'Thanks Day' हा दिवस मुस्लिम लिंगने केव्हा साजरा केला

- अ) १ नोव्हेंबर १९३९
क) १ नोव्हेंबर १९४१
व) १ नोव्हेंबर १९४०
ड) १ नोव्हेंबर १९४२

३३. युनो चे मुख्यालय कोठे आहे

- अ) लंडन
क) न्युयार्क सिटी
व) कैरो
ड) जिनेव्हा

३४. वायव्य सरहद्द प्रांतात कायदाभंग चळवळीचे नेतृत्व कोणी केले .

- अ) एम. ए. जिना
क) महात्मा गांधी
व) आगाखान
ड) खान अब्दुल गफारखान

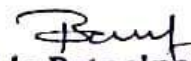
३५. राष्ट्रीय काँग्रेसने कोणत्या अधिवेशनात संपूर्ण स्वातंत्र्याचा ठराव पास केला .

- अ) १९२९ लाहोर
क) १९२८ सिमला
व) १९३० नागपुर
ड) १८९६ पुणे

३६. आझाद हिंद सेनेच्या महिला रेजिमेंटचे नाव काय होते

- अ) राणी झाशी रेजिमेंट
क) राणी लक्ष्मीबाई रेजिमेंट
व) राणी दुर्गा रेजिमेंट
ड) राणी कुमारी रेजिमेंट


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- ३७ . हैदाबाद राज्यात 'रझाकार' या संघटनेची स्थापना कोणी केली .
 अ) मुहमद निझाम व) कासिम रिझवी
 क) नवाब अली खान ड) इरफान हविव
- ३८ . आदय क्रांतीकारक भारतीय महिला म्हणून कोण ओळखली जाते .
 अ) अंनी वेझन्ट व) सरोजिनी नायडू
 क) मॅडम भिकाई कामा ड) कमला नेहरू
- ३९ . काश्मीर पश्न युनो समोर घेऊन जाण्याचा सल्ला पंडित नेहरूना कोणी दिला होता .
 अ) लॉर्ड माऊटबॅटन व) लॉर्ड मिंगो
 क) लॉर्ड आर्थरविन ड) लॉर्ड लिनलिथगो
- ४० . आझाद हिंद सेनेचे घोषवाक्य कोणते होते .
 अ) चलो दिल्ली व) इंडिया चलो
 क) भारत चलो ड) स्वदेश चलो
- ४१ . १९६२ च्या युद्धात चिने भारताचा कोणता प्रदेश वळकाविला .
 अ) उत्तर काश्मीर व) बोर्डोलॅंड
 क) डोकलाम ड) अक्साई चिन
- ४२ . भारत पाकिस्तान या देशामधील सिमारेपेचे नाव काय आहे .
 अ) मॅकमोहन लाईन व) ड्युरण्ड लाईन
 क) रॅडक्लिफ लाईन ड) लाईन ऑफ कन्ट्रोल
- ४३ . भारताचा पहिला व्हाइसरॉय कोण होता
 अ) लॉर्ड वॉरन हेरिस्ट्रज व) लॉर्ड कॅनिंग
 क) लॉर्ड लिटन ड) लॉर्ड मेयो
- ४४ . भारताच्या पहिल्या जनगणना समितीचे अध्यक्ष कोण होते
 अ) जेरव्हाइरा अंधेस्टन बने व) एच . एच . रिरले
 क) डब्ल्यु . सी पावडेन ड) इ . ए . गेट
- ४५ . ' शिका संघटीत व्हा व संघर्ष करा' असा संदेश कोण दिला .
 अ) डॉ . वावासाहेब आंबेडकर व) महात्मा ज्योतीबा फुले
 क) रामास्वामी नायकर ड) लोकमान्य तिलक
- ४६ . 'सुरक्षा झडप' हा शिंध्यात शी निगडीत आहे
 अ) राष्ट्रीय काँग्रेसची स्थापना व) उदारमतवादयाची भुमिका
 क) भारतीय समाजातील जातिव्यवस्था ड) इंगजाचा उपुक्ततावाद
- ४७ . वाळशास्त्री जांभेकरानी सुरू केलेले पहिले मराठी वर्तमानपत्र कोणते
 अ) दर्पण व) सुधारक
 क) ज्ञानोदय ड) मुवई गॅझेट
- ४८ . भारतात सर्वप्रथम लोह व पोलाद कारखाना कोणी स्थापन केला .
 अ) नारायणमुर्ती व) कुमारमंगलम विला
 क) धीरूभाई अंबानी ड) जमशेदजी टाटा

४९. शिक्रागो येथिल जागतिक सर्वधर्म परिषद केंद्रा भरली होती

अ) १८८८

व) १८९०

क) १८९३

ड) १८९६

५०. कोणत्या भारतीय गव्हर्नर जनरलने १८७८ मध्ये 'आर्म अॅक्ट' पास केला .

अ) लॉर्ड रिपन

व) लॉर्ड लिटन

क) लॉर्ड विल्यम बेंटिक

ड) लॉर्ड डलहौसी

९. भारतातील कोणत्या गव्हर्नर जनरलने १८८२मध्ये हंटर कमिशनची स्थापना केली .

अ) लॉर्ड रिपन

व) लॉर्ड लिटन

क) लॉर्ड लॉरेन्स

ड) लॉर्ड मिंटो

५१. १८८५ साली राष्ट्रीय काँग्रेसच्या स्थापनेवेळी मुंबईमध्ये किती लोकप्रतिनिधी उपस्थित होते .

अ) ७२

व) १७२

क) २७२

ड) ३७२

५२. खालिल पैकी कोणत्या कृतीचा समावेश लोकमान्य टिळकाच्या चतुसूत्री मध्ये होत होता .

अ) परकिय वस्तुचा पुरस्कार

व) विदेशी कायद्यांचा भंग

क) राष्ट्रीय शिक्षण संस्थेची स्थापना

ड) इंग्रज अधिका-यांची हत्या

५३. खालिल पैकी कोणती गोष्टी भारतात मध्यवर्गाचा उदयास जबाबदार नव्हते .

अ) पाश्चिमान्य शिक्षणाचा प्रसार

व) भारताचे औद्योगिकीकरण

क) भारतीयांचे इंग्रजांच्या प्रशासनातील सहभाग

ड) शहरीकरण

५४. 'गिता रहस्य' या पुस्तकाचे लेखक कोण आहेत .

अ) लोकमान्य टिळक

व) महात्मा गांधी

क) गोपाल गणेश आगरकर

ड) विनोबा भावे

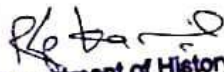
५५. 'तृत्रिय रत्न' या प्रसिध्द नाटकाचे लेखक कोण आहेत .

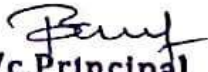
अ) कमला दास

व) ताराबाई शिंदे

क) सावित्रीबाई फुले

ड) महात्मा फुले


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Department of Zoology
Question Bank Year 2023-2024**

- 1) 1)What is Secondary ecological succession
- 2) Write on forest ecosystem
- 3) 3)Write on grassland ecosystem
- 4) 2) Write on desert ecosystem
- 5) 2) Write on freshwater ecosystem
- 6) Write causes and impact of deforestation
- 7) Discuss conflicts over water
- 8) Write on food chain and food web
- 9) Discuss causes of growing energy needs
- 10) Write on Biogeographic zones in India
- 11) Write any two threats to biodiversity
- 12) Discuss adverse effect of nuclear hazards on human health
- 13) Write on Environmental protection Act and Wildlife protection Act
- 14) Write on Bishnois movement in Rajasthan
- 15) Write on Kerala's silent valley
- 16) What is Chipko movement

Answer the following (any One) 8 mark questions

- 1) What is human population growth? Write on impact of human population growth on environment
- 2) What is Chipko movement? Write on role of Indian religions and cultures in environment conservation
- 3) What is global warming? Discuss effect of climate change on human and agriculture
- 4) What is air pollution discuss causes and control measures of air pollution.
- 5) What is water pollution ? Add note on causes and control measures in water pollution.
- 6) What is tribal population rights and human wildlife conflicts in India.
- 7) Explain about "India as a mega biodiversity nation and add note on endangered species.
- 8) Explain in detail In situ and Ex situ conservation of biodiversity
- 9) What is renewable and non renewable energy sources? Add note on alternate energy sources.
- 10) What is ecosystem ? Write on Grassland and forest ecosystem.
- 11) Explain Desert and forest ecosystem with example.
- 12) Explain freshwater and marine water ecosystem.
- 13) What is ecological succession? Explain stages of ecological succession.



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Department of Zoology
Question Bank Year 2023-2024
Paper – Principles of Ecology**

Question Bank

Two marks questions

- 1) Define food chain
- 2) Define food web
- 3) Define ecosystem
- 4) What is soil erosion
- 5) Effects of deforestation
- 6) causes of deforestation
- 7) Effects of water over exploitation
- 8) What is flood
- 9) What is renewable energy source
- 10) What is non renewable energy source
- 11) How alternate energy can be used
- 12) What is species diversity
- 13) What is the meaning of endangered species
- 14) What is the meaning of endemic species
- 15) What is global warming
- 16) What is the causes of ozone layer depletion
- 17) Significance of ozone layer
- 18) What is Wildlife protection act
- 19) What is Environmental Protection act
- 20) What is Kyoto protocol
- 21) What is flood
- 22) What is Cyclone
- 23) What is land slides
- 24) Causes of land slides
- 25) Adverse effects of flood
- 26) What is ecological succession
- 27) What is habitat loss
- 28) Write natural causes of habitat loss
- 29) Write manmade causes of habitat loss
- 30) What is industrial waste
- 31) What is the reason of acid rain.
- 32) Advantages of CNG

Short notes (Four Marks Questions)

**K.N.Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare. Kurduwadi
Department of Zoology
Question Bank
Paper – Principles of Ecology**

Question Bank

Two marks questions

- 1) Define food chain
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- 3) Define ecosystem
- 4) What is soil erosion
- 5) Effects of deforestation
- 6) causes of deforestation
- 7) Effects of water over exploitation
- 8) What is flood
- 9) What is renewable energy source
- 10) What is non renewable energy source
- 11) How alternate energy can be used
- 12) What is species diversity
- 13) What is the meaning of endangered species
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- 21) What is flood
- 22) What is Cyclone
- 23) What is land slides
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- 25) Adverse effects of flood
- 26) What is ecological succession
- 27) What is habitat loss
- 28) Write natural causes of habitat loss
- 29) Write manmade causes of habitat loss
- 30) What is industrial waste
- 31) What is the reason of acid rain.
- 32) Advantages of CNG

Short notes (Four Marks Questions)

**K.N.Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare. Kurduwadi
Department of Zoology
Question Bank**

- 1) 1)What is Secondary ecological succession
- 2) Write on forest ecosystem
- 3) 3)Write on grassland ecosystem
- 4) 2) Write on desert ecosystem
- 5) 2) Write on freshwater ecosystem
- 6) Write causes and impact of deforestation
- 7) Discuss conflicts over water
- 8) Write on food chain and food web
- 9) Discuss causes of growing energy needs
- 10) Write on Biogeographic zones in India
- 11) Write any two threats to biodiversity
- 12) Discuss adverse effect of nuclear hazards on human health
- 13) Write on Environmental protection Act and Wildlife protection Act
- 14) Write on Bhisnois movement in Rajasthan
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Answer the following (any One) 8 mark questions

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- 8) Explain in detail In situ and Ex situ conservation of biodiversity
- 9) What is renewable and non renewable energy sources? Add note on alternate energy sources.
- 10) What is ecosystem ? Write on Grassland and forest ecosystem.
- 11) Explain Desert and forest ecosystem with example.
- 12) Explain freshwater and marine water ecosystem.
- 13) What is ecological succession? Explain stages of ecological succession.

Question Bank
Sub: Geography
Academic year 2023-24

Q.1. Multiple choice questions

- 1.....is the following is not a metamorphic rock
a) Gneiss b) Conglomerate c) Quartzite d) Schist

2. 'Mohorovicic discontinuity' marks the boundary between.....
a) Core and crust b) Asthenosphere and lithosphere c) Crust and the upper mantle d) Core and the mantle

- 3..... is a following is an example of a block mountain'
a) Andes b) Aravalli c) Black Forest d) Caucasus

4. During volcanic eruption deposition of lava in anticlines and synclines of folded mountains accounts for formation of.....
a) Phacolith b) Lopolith c) Batholith d) Lacolith

5. When following fissures in the rocks, its both parts slide in front and one part slides over the other, the resulting feature is.....
a) Lateral fault b) Step fault c) Reverse fault d) Normal fault

- 6..... is one of the following is related to the origin of folded mountains?
a) Accreting plate margin b) Consuming plate margin c) Conserving plate margin d) Infra plate zone

- 7.....is one among the following is primary rock
a) Igneous rock b) Sedimentary rock c) Metamorphic rock d) Calcareous rock

8. Quartzite is metamorphosed from.....
a) Sand stone b) Obsidian c) shale d) Limestone

9. Which of the following rocks is not likely to contain fossils
a) Conglomerate b) Granite c) shale d) sandstone

10. Limestone is an example of.....
a) Metamorphic b) Sedimentary rock c) Igneous d) Volcanic

11. Geomorphology is the branch of..... Geography
a) Human b) Physical c) Cultural d) Social

- 12.....Geography is study the landform of the Earth.

a) Hydrology b) Geomorphology c) Oceanography d) Geology

13.....Is a first order relief feature.

a) Continents b) River basin c) Himalayas d) Meander

14.....is a first person who used the word of Geography

a) Humboldt b) Ratzel c) Ritter d) Eratosthenes

15.....Is a Second order relief feature.

a) Continents b) Delta c) Mountain d) Oceans

16.....Is a third order relief feature.

a) Continents b) Mountain c) Himalayas d) Meander

17. SIMA=

a) Sial and Silica b) Silica and Magnesium c) Silica and Alcohol d) Silica and Magnesium

18.NIFE =

a) Nickel and Ferrous b) Neon and Ferrous c) Nickel and Fire d) Nickel and Magnesium

19. The upper most layer of the Earth is called as.....

a) Core b) Mantle c) Nife d) Crust

20. The lower most layer of the Earth is called as

a) Core b) Mantle c) Nife d) Crust

21.....Is a discontinuity between SIAL and SIMA

a) Mohorovicic b) Repeti c) Lehman d) Conrad

22.....Zone is separating Upper mantle and Lower mantle

a) Mohorovicic b) Repeti c) Lehman d) Conrad

23.....Zone is separating Upper core and Lower core

a) Mohorovicic b) Repeti c) Lehman d) Conrad

24.....is a discontinuity between crust and mantle.

a) Mohorovicic b) Repeti c) Lehman d) Gutenberg

25.....is a discontinuity between mantle and core.

a) Mohorovicic b) Repeti c) Lehman d) Gutenberg

26. The average density of the Earth is... .. gm/cm³

a) 3.5 b) 4.5 c) 5.5 d) 6.5

27. The temperature goes on with depth in the interior of the earth.

a) Increases b) Decreases c) Static d) Decline

28. The temperature is increases at the rate of

a) 1°C per 32 meters b) 1°C per 42 meters c) 1°C per 100 meters d) 1°C per 1000 meters

29. The P wave is known as

a) Primitive wave b) Primary wave c) Previous wave d) Prismatic wave

30. The S wave is known as

a) Secondhand wave b) Secondary wave c) Sequential wave d) Systematic wave

31. The Low wave is known as

a) Locker wave b) Surface wave c) Liquid wave d) Loss wave

32..... Is a fastest wave of the Earthquakes

a) Primary wave b) Secondary wave c) Tertiary wave d) Surface wave

33..... has lowest speed at the time of Earthquakes

a) Primary wave b) Secondary wave c) Tertiary wave d) Surface wave

34..... Wave of earthquakes is most destructive.

a) Primary wave b) Secondary wave c) Tertiary wave d) Surface wave

35. The Earthquakes are measured with instrument.

a) Homosesmial line b) Seismograph c) Homoseismio d) Homoseismograph

36..... Country is known as Earthquakes.

a) India b) Nepal c) U.S.A. d) Japan

37. The lowermost part of the interior of the earth is called as

a) Outer core b) Inner core c) Middle core d) core

38. The density of the inner core is between gm/cm³

a) 3.5 to .5.5 b) 4.5 to 6.5 c) 13.3 to 13.6 d) 6.6 to 5.5

39. The density of the SIAL is between.....gm/cm³

a) 3.3 to .5.5 b) 4.5 to 6.5 c) 2.9 to 3.3 d) 6.6 to 5.5

40..... Rocks is known as parent rock

a) Igneous b) Sedimentary d) Metamorphic d) None of these 41.SIAL=

a) Sial and Silica b) Silica and Magnesium c) Silica and Alcohol d) Silica and Aluminum.

41). is a folded mountain.

a) Himalayas b) Satpura c) Aravali d) Nilgiri

42) Siwaliks are.....

a) Himadri b) foothills of Himalayan ranges c) range of Meghalaya d) range of Plateau

43) soil is most suitable for the cultivation of cotton in India

a) Red soil b) Alluvial soil c) Laterite soil d) Regur soil

44) line demarcates India Pakistan border.

a) Radcliff Line b) Durand Line c) McMahan line d) 38th Parallel

45) Type of high-quality of iron ore

a) Hematite, b) Magnetite, c) Limonite, d) Siderite

46) types of coal having highest carbon content.

a) Anthracite, b) Bituminous c) Lignite d) peat

47) Total distance of India from north to south is.....Km.

a) 2930 b) 3228 c) 3214 d) 2933

- 48) India lies in the _____ hemisphere
 a) Northern and eastern b) Southern and eastern c) Western d) Eastern
- 49). _____ may be defined as an average weather condition of a long period of time.
 a) Weather b) Climate c) Climatology d) Meteorology
- 50) ----- is a type of planetary wind
 a) Trade wind, b) Loo, c) Cyclone, d) Tornado
- 51) _____ zone extends between the tropics of Capricorn and cancer.
 a) Frizzed b) Temperature c) Troposphere d) Tropical
- 52) The average albedo of the earth is _____%.
 a)15 b)25 c)35 d)45
- 53) The lines joining the places of equal _____ are called isotherms.
 a) Pressure b) Rainfall c) Humidity d) Temperature
- 54) ITCZ means-----
 a) Inter Tropical Conversion zone, b) International tropical Conversion zone
 c) Indian tropical conversion zone, d) intersect temperature conversion zone
- 55) Horse latitude lie within -----
 a) The polar high b) Equatorial low c) Sub tropical high d) Sub polar low
- 56)are strong westerly winds of South Hemisphere. It occurs between the latitudes of 40 and 50 degrees.
 a) Roaring Forties b) furious fifties c) screeching sixties d) None of the above

Geography- Climatology (Paper-V)

Q. 1. Choose and write a correct from given four alternatives

- 1). of the following is the **lowest atmospheric layer**.
 a) Stratosphere b) Exosphere c) Hydrosphere d) Troposphere
- 2) ----- is a type of local wind
 a) Trade wind, b) Loo, c) Cyclone, d) Tornado
- 3) Ozone is concentrated in atmospheric layer
 a) Stratosphere b) Exosphere c) Hydrosphere d) Troposphere
- 2) ----- is a type of local wind
- 4) The average albedo of the earth is _____%.
 a)15 b)25 c)35 d)45
- 5) The lines joining the places of equal _____ are called isotherms.
 a) Pressure b) Rainfall c) Humidity d) Temperature
- 6) one of the following gases is found in highest quantity in the atmosphere.
 a) Helium b) Hydrogen c) Oxygen d) Nitrogen
- 7) Air pressure is lowest in.....season
 a) Spring b) Winter c) Summer d) Autumn
- 8) Time takes for sun rays to reach earth.
 a) 8 minutes a) 12 minutes c) 18 minutes d) 6 minutes

Q.No.2) Answer any four of the following

- i) Define the concept of normal laps rate
- ii) Define the concept of westerlies
- iii) Define the Air Pressure
- iv) Define the concept of Climate
- v) Define the concept of Insolation

Q.No.3) Write short notes on any two of the following

- i) Indian Monsoon
- ii) Precipitation
- iii) Earth pressure belt

Q. No.4) Answer any Two of the following

- i) Explain the composition of the atmosphere
- ii) Explain the types of humidity
- iii) Explain the Jet stream

Q.No.5) Answer any one of the following

- i) Explain the structure of the atmosphere

ii) Explain the forces affecting on wind

GEOGRAPHY OF INDIA – Paper VI

Q.1. Select the most correct alternative (1 mark each)

- 1). is a the oldest mountain range in India.
a) Himalayas b) Satpura c) Aravali d) Nilgiri
- 2) is the largest physiographic division of India.
a) The Northern Mountains b) The Great Plains c) The peninsular Plateau area d) The Islands
- 3) type of soil found in Maharashtra
a) Red soil b) Alluvial soil c) Laterite soil d) Regur soil
- 4) The Growth rate of population means.....
a) Difference between the growth of male and female b) Difference between the population of urban and rural areas c) Number of births per thousand persons d) Difference between birth rate and death rate
- 5) Type of high-quality of iron ore
a) Hematite, b) Magnetite, c) Limonite, d) Siderite
- 6) types of coal having highest carbon content.
a) Anthracite, b) Bituminous c) Lignite d) peat
- 7) is the largest tribe of India.
a) Santhal b) Garo c) Gond d) Bhila
- 8) **In India, type of forest among the following occupies the largest area.**
a) Tropical wet evergreen forest b) Tropical moist deciduous forest
c) Sub-tropical dry evergreen forest d) Montane wet temperate forest

Q.2. Attempt any four of the following

- i) Location of India
- ii) Define the term of resources
- ii) What is tribe
- iv) What is growth of population
- v) Define the term of age sex composition

Q.3. Write short notes on any two of the following

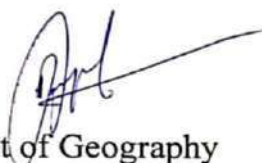
- i) Population growth of India
- ii) Distribution of wheat in India
- iii) Describe the different types of Soil of India

Q. 4) Answer any Two of the following

- i) Describe the northern mountain off India
- ii) Describe the different types of coal
- iii) Describe the distribution of Manganese of India

Q.5) Answer any one of the following

- i) Describe the general climatic regions of India
- ii) Describe the different types of forest in India


Dept of Geography

Head. Department of Geography


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Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-I Sem.-I

Paper- I - Algebra

Q . 1. Choose the correct alternative for each of the following

1) A square matrix $A = [a_{ij}]$ is symmetric matrix if and only if

- a) $a_{ij} = a_{ji}$ some all i, j b) $a_{ij} = a_{ji}$ for all i, j
c) $a_{ij} = -a_{ji}$ for all i, j d) $a_{ij} = -a_{ji}$ for only $i = j$

2) The Rank of the matrix $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 3 & 1 \\ 0 & 1 & 0 \end{bmatrix}$ is

- a) 0 b) 1 c) 2 d) 3

3) The characteristic equation of the matrix $\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$ is

- a) $\lambda^2 - 5\lambda + 2 = 0$ b) $\lambda^2 + 5\lambda - 2 = 0$
c) $\lambda^2 + 5\lambda + 2 = 0$ d) $\lambda^2 - 5\lambda - 2 = 0$

4) Eigen values of the matrix $\begin{bmatrix} 2 & 7 & 8 \\ 0 & 5 & 9 \\ 0 & 0 & 1 \end{bmatrix}$ are

- a) 0,1,2 b) 2,7,8 c) 1,2,5 d) 7,8,9

5) If $\text{rank}[A] = \text{Rank}[A:B] = \text{number of unknowns}$, then the system of equations

$AX = B$ have

- a) no solution b) unique solution
c) infinite number of solutions d) only two solution

6) An Eigen values of a square matrix A is $\lambda = 0$, then

- a) $|A| = 0$ b) $|A| \neq 0$ c) $|A| = 1$ d) $|A| = 2$

7) Homogeneous system of Linear equations are

a) always inconsistent

b) always consistent

c) sometimes consistent

d) sometimes inconsistent

8) If $z = \cos \theta + i \sin \theta$ then $z^n + z^{-n} = \dots$

a) $\sin n\theta$ b) $\cos n\theta$ c) $2\sin n\theta$ d) $2\cos n\theta$

9) The value of $(\sin \theta + \cos \theta)^n = \dots$

a) $\cos(n\theta) + \sin(n\theta)$ b) $\cos\left[\left(\frac{\pi}{2} - \theta\right)\right] + \sin\left[\left(\frac{\pi}{2} - \theta\right)\right]$

c) $\sin(n\theta) + \cos(n\theta)$ d) $\cos\left[n\left(\frac{\pi}{2} - \theta\right)\right] + \sin\left[n\left(\frac{\pi}{2} - \theta\right)\right]$

10) For any complex number z , $\cosh(iz) = \dots$

a) $i\sin(z)$ b) $\cos(z)$ c) $\sinh(z)$ d) $\cosh(z)$

11) For any complex number z , $\cosh z + \sinh z = \dots$

a) $\log z$ b) $\cos z$ c) e^z d) e^z



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Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-I Sem.-I

Paper- II -Calculus

Q . 1 . Choose the correct alternative for each of the following

1) If $y = (2x + 3)^5$ then $y_6 = \dots$

- a) $5!(2x + 3)2^4$ b) $6!(2x + 3)2^5$ c) $5!2^5$ d) 0

2) If $y = \sin(5x + 4)$ then $y_3 = \dots$

- a) $5^3 \sin(5x + 4 + 3\frac{\pi}{2})$ b) $5^3 \cos(5x + 4 + 3\frac{\pi}{2})$
c) $5^3 \sin(5x + 4 + \frac{\pi}{2})$ d) $5^3 \cos(5x + 4 + \frac{\pi}{2})$

3) The series expansion of e^x in powers of x is ...

- a) $1 + x + \frac{x^2}{2} + \frac{x^3}{3} + \dots$ b) $1 - x + \frac{x^2}{2} - \frac{x^3}{3} + \dots$
c) $1 + x + \frac{x^2}{2!} + \frac{x^3}{3!} + \dots$ d) $1 - x + \frac{x^2}{2!} - \frac{x^3}{3!} + \dots$

4) $x - \frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!} + \dots$ is an infinite series expansion of

- a) e^x b) $\sin x$ c) $\cos x$ d) $\tan x$

5) The value of $\lim_{x \rightarrow 0} \frac{1 - \cos x}{3x^2} = \dots$

- a) $\frac{1}{3}$ b) $\frac{1}{6}$ c) $\frac{1}{9}$ d) 0

6) The value of $\lim_{x \rightarrow 0} \frac{\log x}{\operatorname{cosec} x} = \dots$

- a) 1 b) 2 c) 3 d) 0

7) The $\lim_{x \rightarrow 0} \frac{3^x - 2^x}{x} = \dots$

a) $\log \frac{1}{3}$ b) $\log \frac{1}{2}$ c) $\log \frac{2}{3}$ d) $\log \frac{3}{2}$

8) Which of the following is not an indeterminate form?

a) $[\infty + \infty]$ b) $[\infty - \infty]$ c) $[0 \cdot \infty]$ d) $\left[\frac{\infty}{\infty}\right]$

9) The value of $\int_0^{\pi/2} \cos^6 x \, dx = \dots$

a) $\frac{5}{32}$

b) $\frac{5\pi}{32}$

c) $\frac{6\pi}{32}$

d) $\frac{6}{32}$

10) If $\hat{F} = 2xy\hat{i} + 3yz\hat{j} + 4xz\hat{k}$ then $\text{div. } \hat{F}$ at the point (1, 2, 3) is ...

a) 20

b) 18

c) 25

d) 17

11) The vector \hat{F} is called conservative if

a) $\text{div } \hat{F} = 0$

b) $\text{curl } \hat{F} = 0$

c) $\text{div } \hat{F} = 1$

d) $\text{curl } \hat{F} = 1$

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Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-II Sem.-III

Paper-V-Differential Calculus

Q. 1. Choose the correct alternative for each of the following

1. The curvature of the curve at any point is given by

a) $\frac{ds}{d\psi}$ b) $\frac{d\psi}{ds}$ c) $\frac{dy}{dx}$ d) $\frac{dx}{dy}$

2. The radius of curvature of the curve at any point is given by

a) $\frac{ds}{d\psi}$ b) $\frac{d\psi}{ds}$ c) $\frac{dy}{dx}$ d) $\frac{dx}{dy}$

3) The radius of curvature at any point on the curve $s = 4a \sin \psi$ is

a) $4a \sin \psi$ b) $4a \cos \psi$ c) $2a \sin \psi$ d) $2a \cos \psi$

4) If $u = x^2 - y^2$, $V = xy$ then $\frac{\partial(u,v)}{\partial(x,y)} = \dots$

a) $2(x^2 - y^2)$ b) $2(x^2 + y^2)$ c) $(x^2 - y^2)$ d) $(x^2 + y^2)$

5) If $x = r \cos \theta$ and $y = r \sin \theta$ then $\frac{\partial(x,y)}{\partial(r,\theta)} = \dots$

a) x b) y c) r d) θ

6) The equation of tangent to the curve $x^2 y^3 = a^5$ at the point (a, a) is.....

a) $3X - 2Y = a$ b) $2X + 3Y = a$ c) $2X + 3Y = 5a$ d) $3X - 2Y = 5a$

7) Polar subtangent is equal to

a) $\frac{d\theta}{dr}$ b) $r \frac{d\theta}{dr}$ c) $r^2 \frac{d\theta}{dr}$ d) $\frac{1}{r} \frac{d\theta}{dr}$

8) The necessary condition for $f(c)$ to be an extreme value of $f(x)$ is that...

a) $f'(c) < 0$ b) $f'(c) > 0$ c) $f'(c) = 0$ d) $f'(c)$ does not exist

9) A function $f(x, y)$ is minimum at point (a, b) if

a) $AC - B^2 < 0$ and $A > 0$

b) $AC - B^2 < 0$ and $A < 0$

c) $AC - B^2 > 0$ and $A > 0$

d) $AC - B^2 > 0$ and $A < 0$

10) The maximum value of $\sin x + \cos x$ is

a) 1

b) 2

c) $\sqrt{2}$

d) $\sqrt{3}$

correctly

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Question Bank (23-24)

Subject:-Mathematics

Class-B.Sc.-II Sem.-III

Paper- VI-Laplace Transform

Q. 1. Choose the correct alternative for each of the following

1. $\mathcal{L}\{1\} = \dots\dots\dots$

- a) p b) $\frac{1}{p}$ c) p^2 d) $\frac{1}{p^2}$

2. $\mathcal{L}\{e^{-at}\} = \dots\dots\dots$

- a) $\frac{1}{p^2+a^2}$ b) $\frac{1}{p+a}$ c) $\frac{1}{p-a}$ d) $\frac{1}{p^2-a^2}$

3. $\mathcal{L}\{\cos at\} = \dots\dots\dots$

- a) $\frac{a}{p^2+a^2}$ b) $\frac{p}{p^2+a^2}$ c) $\frac{p}{p^2-a^2}$ d) $\frac{a}{p^2-a^2}$

4. $\mathcal{L}\{\sinh 2t\} = \dots\dots\dots$

- a) $\frac{p}{p^2+4}$ b) $\frac{2}{p^2+4}$ c) $\frac{p}{p^2-4}$ d) $\frac{2}{p^2-4}$

5).If $\mathcal{L}\{F(t)\} = f(p)$ then $\mathcal{L}\{e^{at}F(t)\} = \dots\dots\dots$

- a) $f(p)$ b) $f(p+a)$ c) $f(p-a)$ d) $f(p^2)$

6) $\mathcal{L}\{t^4\} = \dots\dots\dots$

- a) $\frac{4!}{p^4}$ b) $\frac{4!}{p^5}$ c) $\frac{4}{p^4}$ d) $\frac{4}{p^5}$

7) $L^{-1}\left\{\frac{1}{p^2}\right\} = \dots\dots\dots$

- a) e^t b) t c) t^2 d) e^{-2t}

8) $L^{-1}\left\{\frac{1}{p^2-3}\right\} = \dots\dots\dots$

- a) $\frac{\cosh \sqrt{3} t}{3}$ b) $\frac{\cosh \sqrt{3} t}{\sqrt{3}}$ c) $\frac{\sinh \sqrt{3} t}{3}$ d) $\frac{\sinh \sqrt{3} t}{\sqrt{3}}$

9) If $\mathcal{L}\{y(t)\} = \bar{y}(p)$ then $\mathcal{L}\{y'(t)\} = \dots$

- a) $p\mathcal{L}\{y(t)\} - y(0)$ b) $p\mathcal{L}\{y(t)\} + y(0)$
c) $p^2\mathcal{L}\{y(t)\} - y(0)$ d) $p^2\mathcal{L}\{y(t)\} + y(0)$

10) If $\mathcal{L}\{F(t)\} = f(p)$ then $\mathcal{L}\left\{\frac{F(t)}{t}\right\} = \dots$

- a) $\int_0^\infty f(x)dx$ b) $\int_p^\infty f(x)dx$ c) $\int_0^\infty \frac{f(x)}{x} dx$ d) $\int_p^\infty \frac{f(x)}{x^2} dx$



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Department of Microbiology

Question Bank
(2023-24)

Madha Taluka Shikshan Prasarak Mandals

K.N.Bhise Arts, Commerce & Vinayakrao Patil Science College, Kurduwadi.

Unit Test 2023-24

Subject- **Microbial Physiology**

Class-B.Sc. I

Sem.-II Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives **05**

Marks

1. _____ coined the term enzyme.

A) L.Pasteur B) W.Kuhne C) F.Crick D) Watson

2. The organic or metalloorganic substance which stimulate enzyme activity is known as _____

A) Substrate B) Inhibitor C) Activator D) Suppressor

3. The enzyme which are secreted in the presence of substrate is known as _____ enzyme.

A) Constitutive B). Exoenzyme C) Endoenzyme D) Inducible

4. The microorganism which uses inorganic compound as energy source and atmospheric CO₂ as carbon source known as _____.

A) Heterotroph B) Photoautotroph C) Chemoheterotroph D) Chemoautotroph

5. V) Substrate binds with active site by _____ bonds.

A) Ionic B) Vandr walls C) Hydrogen D) Covalent

Q. no. 2 Write Short Notes: - (Any Two)

10

Marks

I) Define active site & add a note on properties of active site.

II) Describe in detail mechanism of enzyme action.

III) Define Enzyme, coenzyme, cofactor and prosthetic group

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts & Commerce College, Kurduwadi.

Unit Test 2023-2024

Subject- **Applied Microbiology**

Class-B.Sc. I

Sem.-II

Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives. 05Marks

1. In most probable number (MPN) method _____medium is used.
 - a) Lactose broth
 - b) EMB broth
 - c) Mac-conkey's agar
 - d) Tryptose broth
2. Which of the following reagent is used in Indol test.
 - a) Kovac's reagent
 - b) Methyl red
 - c) Bromothymol blue
 - d) Alpha – naphthol & KOH
3. Eijkman test is used for _____.
 - a) Non fecal pollution
 - b) Fecal pollution
 - c) Water pollution
 - d) Air pollution
4. Which of the following medium is used in presumptive test.
 - a) Lactose broth
 - b) Nutrient agar
 - c) Mac-conkey's agar
 - d) EMB agar
5. In citrate utilization test which colour indicates positive test.
 - a) Yellow to red
 - b) Yellow to blue
 - c) blue to Green
 - d) Green to red

Q. No. 2 write short notes. (Any two). 10 Marks

1. IMViC test
2. Fecal pollution of water and its indicators.
3. Disinfection

Madha Taluka Shikshan Prasarak Mandals

K.N.Bhise Arts, Commerce & Vinayakrao Patil Science College, Kurduwadi.

Unit Test 2023-24

Subject- **Microbial Physiology**

Class-B.Sc. I

Sem.-II Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives **05**

Marks

1. _____ coined the term enzyme.

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2. The organic or metalloorganic substance which stimulate enzyme activity is known as _____

A) Substrate B) Inhibitor C) Activator D) Suppressor

3. The enzyme which are secreted in the presence of substrate is known as _____enzyme.

A) Constitutive B). Exoenzyme C) Endoenzyme D) Inducible

4. The microorganism which uses inorganic compound as energy source and atmospheric CO₂ as carbon source known as _____.

A) Heterotroph B) Photoautotroph C) Chemoheterotroph D) Chemoautotroph

5. V) Substrate binds with active site by _____ bonds.

A) Ionic B) Vandr walls C) Hydrogen D) Covalent

Q. no. 2 Write Short Notes: - (Any Two)

10

Marks

I) Define active site & add a note on properties of active site.

II) Describe in detail mechanism of enzyme action.

III) Define Enzyme, coenzyme, cofactor and prosthetic group

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts & Commerce College, Kurduwadi.
Unit Test 2023-2024

Subject- **Applied Microbiology**

Class-B.Sc. I

Sem.-II

Marks-15

Time 45 Min.

Q. no. 1. Rewrite the following sentences by choosing correct alternatives. 05Marks

6. In most probable number (MPN) method _____medium is used.
- c) Lactose broth c) Mac-conkey's agar
d) EMB broth d) Tryptose broth
7. Which of the following reagent is used in Indol test.
- c) Kovac's reagent c) Bromothymol blue
d) Methyl red d) Alpha – naphthol & KOH
8. Eijkman test is used for _____.
- c) Non fecal pollution c) Water pollution
d) Fecal pollution d) Air pollution
9. Which of the following medium is used in presumptive test.
- c) Lactose broth c) Mac-conkey's agar
d) Nutrient agar d) EMB agar
10. In citrate utilization test which colour indicates positive test.
- c) Yellow to red c) blue to Green
d) Yellow to blue d) Green to red

Q. No. 2 write short notes. (Any two). 10 Marks

4. IMViC test
5. Fecal pollution of water and its indicators.
6. Disinfection

Madha Taluka Shikshan Prasarak Mandals

K.N.Bhise Arts ,Commerce and Vinayakrao Patil Science College, Kurduwadi.

Unit Test Examination sept.2023-24

Subject –**Bacterial Genetics**

Class-B.Sc. II

Sem. - III

Marks-15

Time 45 Min.

Q. No. 1. Rewrite the following sentences by choosing correct alternatives

05Marks

1. DNA polymerase I is having _____ exonuclease activity
a) 3' – 5' b) 5' – 3' c) Both d) None
2. The replication in which the newly synthesized DNA is having one old strand from parent and one new strand is called as _____.
a) Conservative b) Dispersive c) Semiconservative d)Transcriptive
3. The enzyme involved in unwinding of DNA is _____.
a) Topoisomerase b) Helicase c) DNA ligase d) Primase
4. Z form of DNA possess-----base pairs per turn of helix.
a) 8 b) 10 c) 9 d) 12
5. -----organism replicates by rolling circle replication mechanism.
a) Bacteria b) Actinomycetes c) Fungi d) Viruses

Q. No. 2. Answer any two of the following

10Marks

- 1) **Explain in brief the mechanism of replication.**
- 2) **Discuss in brief Hershey and chase experiment.**
- 3) **Describe in detail structure of double stranded DNA.**

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts ,Commerce and Vinayakrao Patil Science College, Kurduwadi.
Unit Test Examination sept.2023-24
Subject-**Bacterial Cytology, Virology and Metabolism** Class-B.Sc.II
Sem.-III Marks-15 Time 45 Min.

Q.1.Multiple choice questions

5 M

- i) The process of facilitated diffusion mediated by -----
A) ATP B) Carrier protein C) Na⁺ ions D) H⁺ ions
- ii) The Tetra peptide chain of amino acids is attached to
A) N-acetyl glucosamine B) N- acetyl muramic acid C) glycerol phosphate
D) Ribitol phosphate
- iii) In group translocation process ----- act as phosphate group donor.
A) ATP B) Glucose C) PEP
D) Pyruvate
- iv) The culture composed of the cells that are all at the same stage of cell cycle is called as----

A) Continuous culture B) Batch culture C) Synchronous culture D)
None of the above
- v) When number of bacteria is continuously increasing in particular order such phase is called as-----
A) Lag Phase B) Log Phase C) Stationary Phase D)
Death Phase

Q.2 Answer any two of the following

10 M

- A) Gram Positive cell wall
- B) Growth Curve
- C) measurement of growth
- D) Cell Membrane

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce & V.P.Science College, Kurduwadi.
Unit Test Examination 2023-24

Class-B.Sc. II

Subject –**Immunology & Medical Microbiology**

Sem. - IV

Marks-15

Time 45 Min.

Q. No. 1. Rewrite the following sentences by choosing correct alternatives

05Marks

i) Ability of substance to stimulate the immune system for production of antibody or cells is called as -----

- A) immunogen B) antigenicity C) hapten D) epitope

ii) The term antibody coined by-----.

- A) Louis Pasteur B) Wilhelm Kuhne C) Elvin kabbat D) William Arthur

iii) ----- type of antibody produced during secondary immune response.

- A) IgA B) Ig M C) Ig G D) IgA

iv) ----- serves as strongest antigen.

- A) Protein B) carbohydrate C) lipid D) nucleic acid

v) -----antibody presnt in lower concentration in the body fluid.

- A) IgA B) Ig M C) Ig G D) IgA

Que no. 2 Answer Any 2 of following

10

Marks

1. Define antigen. Discuss factors affecting on antigenicity.
2. Structure of antibody.
3. Biological properties & functions of classes of antibody.

Unit Test 2023- 2024

B.Sc. –III

Environmental Microbiology

Question .1 Multiple choice questions

5 marks

1)Methanogens belong to_____

- a. Eubacteria b. Dinoflagellates c. Slime molds d. Archaeobacteria

2) Which of the following are found in extreme saline conditions?

- a. Halophiles b. Thermophiles c. Psychrophiles d. Acidophiles

Acidophiles

3) Barophiles are the organisms which require_____ for its growth.

- a. Highly alkaline condition b. Higher temperature c. high salt concentration d. High hydrostatic pressure

4) Halophilic bacteria grow best at salt concentration of _____ %.

- a) 2.5 to 4 b) 0.5 to 2 c) 4 to 5 d) 0.1 to 1

5) Psychrophiles would be expected to grow:

- a) in hot springs b) on the human body c) at refrigeration temperatures d) at low pH

Question 2 Attempt any two of the following

10 marks

- a) Acidophiles b) Thermophiles c) Osmophiles

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce & V.P.Science College, Kurduwadi.

Unit Test Examination 2023-24

Subject-Immunology Class-B.Sc.III

Sem.-V Marks-15 Time 45 Min.

Q.1.Multiple choice questions 10 M

i)-----lymphocytes involved in humoral immunity.

A) B B)T C)T_H D)T_C

ii)clonal selection theory was proposed by-----

A)Paul Ehrlich B) Burnet C) Bennet D) Dreyer

iii)-----lymphocytes involved in cell cytotoxicity.

A)B B)T C)T_H D)T_C

iv) -----Medium used for screening of hybrid cells.

A)CAT B)MAT C)HAT D)TAC

V)MHC II present antigen to -----

A)B B)T C)T_H D)T_C

Q.2.Define monoclonal antibody. Describe in detail hybridoma technology. Add a note on its applications. 10 M

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce & V.P.Science College, Kurduwadi.

Unit Test Examination 2023-24

Subject-**Industrial Microbiology** Class-B.Sc.III

Sem.-V Marks-20 Time 45 Min.

Que no. 1 Select the correct alternative **Marks 05**

1. Streptomycin was discovered by....
a. Alexander Fleming b. Waksman c. Murakami d. Woodroof and Macdaniel
2.is not an essential amino acid
a. Lysine b.Histidine c. Glycine d. Phenyl alanine
3. Chemical nature of Streptomycin is
a. Basic b.Acidic c. Salt d.Alcoholic
4.is used for treatment of diabetes
a. Insulin b. Interferon c. Monoclonal antibody d. Growth hormone
- 5.Lysine is type of amino acid.
a.Acidic b. Basic c.Sulphur containing d. Aromatic

Que no. 2 Answer Any 3 of following **Marks 15**

1. Process of insulin production
2. Azotobacter as a Biofertilizer
- 3.Bioinsecticides
4. Uses of IFN as rDNA product

Subject- Agricultural Microbiology

Class-B.Sc. III

Sem.-V Marks-15 Time 45 Min.

Que no. 1 All questions are compulsory

Marks 05

1. Fungal fruiting bodies are of the disease.
a. Symptom b. Sign c. Treatment d. none
2. Abnormal growth of certain tissue of plant is
a. Dwarfism b. Atrophy c. Hypertrophy d. chlorosis
3. When green pigment of plant is replaced by Red, Purple, orange pigment that condition is called as
a. Chromosis b. Chlorosis c. Etiolation d. dwarfing
4. The loss of green pigment due to prolonged exposure to darkness is called as
a. Etiolation b. Dwarfism c. Hyperplasia d. Atrophy
5. The powdery appearance of plant infection is due to
a. Fungal spores b. Bacterial growth c. nematodes d. Abiotic factors

Que no. 2 Write Short Notes:- (Any Two)

Marks 10

1. Biotic, Mesobiotic and Abiotic factors causing plant disease
2. Write down any 5 general symptoms of the plant disease.
3. Mode of infection in plants

MICROBIAL BIOCHEMISTRY

Q.1. Multiple choice questions

5 M

i)-----coined the term enzyme.

A) L.Pasteur B) W.Kuhne C) F.Crick D) Watson

ii) The difference between energy level of ground state and excited state known as-----

A) Activation energy B) Binding energy C) Transition state D) Free energy

iii) The regulatory enzymes for which substrate and modulator is identical is known as-----
cooperativity

A) Heterotropic B) Homotropic C) Negative D) Inhibitory

iv) Multiple forms of enzymes catalyse the same reaction is called as-----.

A) Ribozyme B) Isozyme C) Enzyme D) Coenzyme.

V) Substrate binds with active site by-----bonds.

A) Ionic B) Vander walls C) Hydrogen D) Covalent

Q.2. Define catalysis. Describe in detail factors affecting on catalytic efficiency of enzymes. 08 M

Q.3. Derive Michaelis-Menten kinetic equation. Add a note on significance of K_m and V_{max} . 07 M

Madha Taluka Shikshan Prasarak Mandals
K.N.Bhise Arts, Commerce and Vinayakrao Patil Science College, Kurduwadi.
Unit Test Examination 2023-2024
Subject- **Virology, Extremophiles and Bioinformatics**

Class-B.Sc.III

Sem.-V Marks-20 Time 45 Min

Que no. 1 All questions are compulsory

Marks 05

1. Alkalophiles have their growth optimum between pH

- a. 5.5 and 7.0 b. 0 and 5.5 c. 7.0 and 9.5 d. 11 and above

2. What is NCBI?

- a. National Council for biology Information
b. National Center for Biology Information
c. National Center for Biotechnology Information
d. National Center for Biotechnology Informatics

3. The organism growing at temperature 35°C are called as

- a. Thermophile b. Mesophile
c. Psychrotroph d. Psychrophile.

4. Water will enter the cell when it is kept in solution

- a. Hypertonic b. Hypertonic
c. Isotonic d. Saline

5. The intact virus unit or infectious particle is termed as


- a. Virion b. Viroid c. Prion d. Mycoplasma

Que no. 2 Write Short Notes:- (Any Three)

Marks 15

1. Psychrophiles and Psychrotrophs
2. Thermophile
3. Acidophile
4. Barophile


Head, Department of Microbiology,
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F. Y. B. Sc Botany

Question Bank

2023-24

Objectives

1. The study of algae is known as -----

- a) Mycology
- b) Phycology
- c) Taxonomy
- d) Physiology

2. The branch which deals with study of fungi is known as-----

- a) Physiology
- b) Ecology
- c) Mycology
- d) Phycology

3. Thalloid and non flowering plants are known as -----

- a) Angiosperm
- b) Thallophyta
- c) Gymnosperm
- d) Dicotyledons

Algae

2 Marks Questions:

1. What is epiphytic algae
2. What is symbiotic algae
3. The reserve food material in algae is -----
 - a) cellulose
 - b) starch
 - c) protein
 - d) glycogen
4. The cell wall in algae is made up of-----
 - a) Chitin
 - b) cellulose
 - c) pectin
 - d) glycogen
5. Fusion between gametes of equal sizes is called -----
 - a) Isogamy
 - b) Anisogamy
 - c) Oogamy
 - d) Dichotogamy
6. Fusion between gametes of unequal sizes is called -----
 - a) Dichotogamy
 - b) Anisogamy
 - c) Oogamy
 - d) Isogamy

7. An alga growing on aquatic animal is called-----

- a) Epizoic
- b) Endozoic
- c) Epiphytic
- d) Terrestrial

8. The algae growing in seawater is known as -----

- a) Freshwater algae
- b) Terrestrial algae
- c) Marine algae
- d) Lithophytic algae

4 Marks Questions:

1. Give the general characters of algae.
2. Describe the methods of vegetative reproduction in algae.

6 Marks Questions:

1. Describe the range of thallus in algae.
2. Describe the methods of asexual reproduction in algae.
3. Describe the methods of sexual reproduction in algae.

Chapter : 3 Classification of Algae

2 Marks Questions:

1. Name the reserve food material found in Rhodophyta.
2. Name the reserve food material found in Cyanophyta.
3. What is the reserve food material in brown algae.
4. Name any two classes of algae in which motile cells are absent.
5. Plastids are absent in-----

- a) Cyanophyta
- b) Chlorophyta
- c) Rhodophyta
- d) Phaeophyta

6. Motile cells are absent in the life cycle of -----

- a) Chlorophyceae
- b) Euglenophyceae
- c) Cyanophyceae
- d) Chrysophyceae

7. Sexual reproduction absent in -----

- a) Cyanophyta
- b) Chlorophyta
- c) Phaeophyta
- d) Rhodophyta

8. Xanthophyll is the principal pigment in the member of the----

- a) Chlorophyceae
- b) Cyanophyceae
- c) Xanthophyceae
- d) Rhodophyceae

9. Which of the following has prokaryotic cells -----

- a) Nostoc
- b) Ulothrix
- c) Sargassum
- d) Spirogyra

10. Desmophyceae and Dinophyceae are the classes of -----

- a) Pyrophyta
- b) Phaeophyta
- c) Chlorophyta
- d) Cryptophyta

11. Sex organs are surrounded by sterile sheath in -----

- a) Chara
- b) Ulothrix
- c) Sargassum
- d) Nostoc

12. Members of the Bacillariophyceae are commonly called as -----

- a) Blue greens
- b) Grass green
- c) Diatoms
- d) Red algae

4 Marks Questions:

1. Give the importance characters of Cyanophyta.
2. Give the distinguishing features of Rhodophyta.
3. Give the distinguishing characters of Euglenophyta.

6 Marks Questions:

1. Give the outline classification of algae upto classes as given by G.M.Smith with suitable example of each.
2. Enlist the major divisions of algae as per G.M.Smith and give the distinguishing features of any one.
3. Give the distinguishing features of Chlorophyceae and Phaeophyceae.

Chapter: 4 Study of Life History of Ulothrix

2 Marks Questions:

1. What is the function of hold fast in Ulothrix?
2. What is heterothallism?
3. Differentiate Macro and Microzoospores in Ulothrix
4. Differentiate aplanospores and Hypnospores
5. Girdle shaped chloroplast is found in -----
 - a) Sargassum
 - b) Ulothrix
 - c) Sirogyra
 - d) Nostoc
6. Multicellular, uniseriate and unbranched filamentous alga is -----
 - a) Volvox
 - b) Vaucheria
 - c) Ulothrix
 - d) Pandorina
7. Ulothrix produces-----
 - a) Quadri-flagellate microspores
 - b) Biflagellate microspores
 - b) Quadri-flagellate macrospores
 - d) all of above
8. Plant body of Ulothrix is -----
 - a) Sporophytic
 - b) Gametophytic
 - c) Parasitic

d) None of above

9. The flagella of zoospores in Ulothrix are ----- in position

a) Posterior

b) lateral

c) anterior

d) All of above

10. Zoospores are product of----- reproduction in Ulothrix

a) Asexual

b) Vegetative

c) Sexual

d) Parthenogenesis

4 Marks Questions:

1. Sketch label and describe structure of cell in Ulothrix.
2. Describe the various types of zoospores in Ulothrix.
3. Give the classification with reasons of Ulothrix.
4. Palmella stage in Ulothrix.

6 Marks Questions:

1. Give the classification and external morphology of Ulothrix.
2. Sketch, label and describe Ulothrix filament.
3. Describe the various methods of asexual reproduction in Ulothrix.

Study of Life History of Sargassum

2 Marks Questions:

1. How vegetative reproduction takeplace in Sargassum?
2. What is monoecious and dioecious?

3. Distinguish primary and secondary laterals in Sargassum
4. Sterile cavities present on leaves and air bladder of Sargassum are called as-----
--
- a) Conceptacles
 - b) Cryptoblasts
 - c) holdfast
 - d) None of above
5. Sexual reproduction in Sargassum is -----type
- a) Isogamous
 - b) Anisogamous
 - c) Oogamous
 - d) None of above
6. Sargassum plant body is -----
- a)Haploid
 - b)Diploid
 - c) Triploid
 - d) Monoploid
7. Which of the following is called as -----
- a) Volvox
 - b) Sargassum
 - c) Spirogyra
 - d) Ulothrix
8. In Sargassum the part of the Oogonium that forms the psuedostalk
is called as-----
- a) Exochite

b) Mesochite

c) Endochite

d) stalk cells

9. The product of photosynthesis in sargassum is -----

a) Starch

b) Protein

c) Manitol

d) Glycerol

4 Marks Questions:

1. Give the systematic position of Sargassum.

2. Describe the process of fertilization in Sargassum

3. Give the graphical life cycle of Sargassum.

4. Describe the sex organs of Sargassum.

5. What are the functions of holdfast and air bladder of Sargassum.

6 Marks Questions:

1. Draw a labelled diagram and describe external morphology of Sargassum.

2. Sketch, label and describe T.S. of axis of Sargassum.

3. Sketch label and describe female conceptacle of Sargassum.

4. Sketch label and describe female conceptacle of Sargassum.

Economic Importance of Algae

2 Marks Questions:

1. Diatomaceous earth is obtained from -----

a) Diatom

b) Sargassum

c) Ulothrix

d) Spirogyra

2. Agar- agar is obtained from -----

a) Ulothrix

b) Spirogyra

c) Gracillaria

d) Nostoc

4 Marks Questions:

1. Explain the role of algae in petroleum and gas.

2. Write note on Agar-agar and diatomite.

3. Role of algae in space travel.

4. Explain spoilage of water reservoir by algae.

6 Marks Questions:

1. Role of algae in agriculture and industry.

2. Give the application of algae in food and medicine.

3. Describe harmful effect of algae.

Fungi

2 Marks Questions:

1- What is coenocytic Mycelium?

2- What is obligate parasite?

3- What is plasmogamy?

4- The study of fungi is known as -----

a) Mycology

b) Phycology

c) Ecology

d) Taxonomy

5- Reserve food material in fungi is-----

a) cellulose

b) starch

c) protein

d) Glycogen & oil

6- Cell wall in fungi is made up of -----

a) Pectine

b) Chitin

c) Protein

d) Glycine

7- The mass of hyphae is known as -----

a) Penicillium

b) Mycelium

c) Plasmodium

d) Pseudopodium

8- Vegetative stage in Myxomycetes is called as-----

a) Plasmodium

b) Mycelium

c) Hypha

d) Pseudopodium

4 Marks Questions:

1. Describe thallus structure in Fungi.

2. Explain Oogamous reproduction in Fungi.

3. Explain gamatangial copulation in Fungi.

4. Describe Isogamy and Anisogamy in Fungi.

6 Marks Questions:

1. Describe the general characters of Fungi?

2. Describe the methods of reproduction in Fungi

3. What are Fungi? Give the habit and habitat of Fungi.

4. Describe the modes of nutrition in Fungi.

Classification of Fungi

2 marks Questions:

1. Aseptate mycelium is found in class-----

a) Ascomycetes

b) Basidiomycetes

c) Myxomycetes

d) Phycomycetes

2. Septate mycelium is found in -----

- a)Ascomycetes & Myxomycetes
- b)Basidiomycetes & Phycomycetes
- c)Ascomycetes & Basidiomycetes
- d)Ascomycetes & Phycomycetes

3. Ascocarp type of fruiting bodies are found in class-----

- a)Ascomycetes
- b)Basidiomycetes
- c)Phycomycetes
- d)Myxomycetes

4. Basidiomycetes produces -----type of fruiting bodies

- a)Ascocarp
- b)cleistothecium
- c)Basidiocarp
- d)Basidiospore

5. The fungi in which sexual reproduction is absent are classified in class-----

- a)Ascomycetes
- b)Deuteromycetes
- c)Phycomycetes
- d)Myxomycetes

6. The mycelium in ascomycetes is -----

- a)Dikariotic
- b)Monokariotic
- c)Diploid
- d)Multinucleate

7. What are zoospores?

8. Describe basidium

9. Eucarpic thallus

10. Holocarpic thallus

11. Conidium

12. Conidiophore

4 Marks Questions:

1- Give the characters of Deuteromycetes

2- Give the characters of Phycomycetes

3- Give the characters of Myxomycetes

4- Give the characters of Ascomycetes

6 Marks Questions:

1. Give outline classification of fungi as per G.M. Smith upto classes giving example of each class.

2. Differentiate class Phycomycetes and Ascomycetes.

3. Differentiate Div.-Myxomycophyta and Eumycophyta.

4. Describe the general characters of Basidiomycetes.

Economic importance of Fungi

2 Marks Questions:

1- What are antibiotics?

2- What is pathogen?

3- Role of Fungi in cheese making

4- Role of Fungi in bread making

5- Enlist any two organic acids produced by fungi

6- What is Mycorrhiza?

7-Name any two enzymes produced by Fungi

8-One of the common disease caused by fungi is-----

- a)Plague
- b)Cholera
- c)Typhoid
- d)Aspergillosis

09-Penicillin is produced by-----

- a)Aspergillus
- b)Albugo
- c)Penicillium
- d)Spirulina

10-Aspergillus is used for production of -----

- a)Penicillin
- b)Streptomycin
- c)Citric acid
- d)Acetic acid

11-One of fungi used as food from following is -----

- a)Agaricus
- b)Albugo
- c)Penicillium
- d)Aspergillus

12 -----fungus is used in production of Alcohol

- a)Yeast
- b)Albugo
- c)Streptomyces

d)Penicillium

13-Smut and rust diseased are caused by-----

a)Bacteria

b)Algae

c)Viruses

d)Fungi

4 Marks Questions:

- 1.Explain the role of fungi in fermentation industries.
- 2.Explain symbiotic activities of fungi.
3. Write a note on biodeterioration due to fungi.
- 4.Explain role of fungi in plant diseases.
- 5.Explain role of fungi in human and animal diseases.
6. Write a note on “fungi as food”.

6 Marks Questions:

1. Give the economic importance of fungi with respect to agriculture and food.
2. Give the applications of fungi in Industries and Medicine.
3. Describe the harmful activities of fungi.

BRYOPHYTES.

2 Marks Questions:

Q.1 Define diversity?

Q.2 Which plants are higher cryptogamic plants?

CHAPTER 2- Bryophytes

2 Marks Questions:

Q.1 Give any four characters of bryophytes?

CHAPTER 3 Classification of Bryophytes

2 Marks Questions:

Q.1 Give any two examples of class Hepaticae and Anthocerotaceae.

Q.2 Give any two examples of class Hepaticae and Musci

Q.3 Give any two examples of class Anthocerotaceae and Musci

Q.4 Give any four examples of Bryophytes?

Q.5 The common term for class Hepaticae

a) Stone worts

b) Liver worts

c) Horn worts

d) Thorn worts

Q.6 The common term for Anthocerotaceae is

a) Stone worts

b) Liver worts

c) Thorn worts

d) Horn worts

Q.7 The common term for class Musci is

a) Mosses

- b) Sossess
- c) Horn worts
- d) Thorn worts

Q.8 In Bryophytes essential factor for competition of life is

- a) Water
- b) Soil
- c) Light
- d) Fertilizers

Q.9 Bryophytes flourish luxuriantly on

- a) Moist soil
- b) Dry soil
- c) Loamy soil
- d) Sandy soil

Q.10 In Bryophytes the plant body generally is

- a) Liver shaped
- b) Kidney shaped
- c) Heart shaped
- d) Girdle shaped

Q.11 Among the land plants Bryophytes are described as

- a) Amphibious
- b) Terrestrial
- c) Aquatic
- d) Marine

Q.12 The juvenile stage of gametophyte in mosses is known as

- a) Gammae

- b) Bulbils
- c) Protonema
- e) Tubers

Q.13 The protonema in Funaria is composed of

- a) Leaves and buds
- b) Rhizoids and Stolons
- c) Rhizoidal and Aerial branches
- d) Seta and Capsule

Q.14 The spores of Funaria on germination produce

- a) Buds
- b) Calyx
- c) Protonema
- d) Sporophyte

4 Marks Questions:

Q.1 Which plants are higher cryptogamic plants.

Q.2 How gametophyte of hepaticae differ from that of gametophyte of Musci Externally.

Q.3 How sporophyte of Hepaticae differs from sporophyte of Musci.

Q.4 Write on diversity in gametophyte of bryophytes.

Q.5 Write on diversity in sporophyte of bryophytes.

Q.6 Write the general characters of bryophytes.

Q.7 Write a short note on vegetative propagation in bryophyta.

Q.8 State general characters of bryophytes with reference to reproduction and Sporophyte.

Q.9 Describe difference between bryophytes and pteridophytes.

Q.10 Give any four characters of Hepaticae and any two examples of Hepaticae.

Q.11 Give any four important character of class Anthocerotaceae with two examples of class.

Q.12 Write any four important characters of class Musci give two examples of class Musci.

Study of life history of Riccia.

2 Marks Questions:

Q.1 Describe the Rhizoids of Riccia.

Q.2 Give the nature of habitat where Riccia grow well.

Q.3 Sketch and label the thallus of Riccia showing external feature.

Q.4 State the names of methods of Vegetative reproduction in Riccia.

Q.5 Give the name and position of sex organs of Riccia.

Q.6 Give the dehiscence of Antheridium of Riccia.

Q.7 Why sporophyte is dependent on gametophyte in Riccia.

Q.8 Describe dispersal of spores in Riccia.

Q.9 Write about vegetative reproduction by tubers in Riccia.

Q.10 Describe the structure of Antherozoid in Riccia.

Q.11 What do you mean by spore tetrad?

Q.12 Name any two species of Riccia known to you.

Q.13 Describe the position and structure of seeds in Riccia.

Q.14 Describe the position of sporophyte of Riccia.

Q.15 Mention any two differences of Riccia and Funaria with reference to Sporophyte.

Q.16 Mention any two differences of rhizoids between Riccia and Funaria.

Q.17 Give the position and function of Riccia rhizoids.

Q.18 Comment on upper epidermis of thallus of Riccia.

Q.19 Draw a labeled diagram of structure of spore of Riccia.

Q.20 Describe the structure of spore of Riccia.

Q.21 Describe the habitat of Riccia.

Q.22 Describe the dehiscence of sporophyte of Riccia.

Q.23 Draw a labelled sketch of rhizoids of Riccia.

Q.24 Draw a labelled sketch of scale of Riccia.

Q.25 Draw a labelled sketch of dorsal view of Riccia thallus.

Q.26 Draw a labelled sketch of ventral view of Riccia thallus.

Q.27 Give function of rhizoids and scales of Riccia.

Q.28 The sporophyte of Riccia is

- a) Independent
- b) Dependent
- c) Parasite
- d) Partially dependent

Q.29 Male sex gamete of Riccia is called

- a) Spermata
- b) Conidia
- c) Sporotia
- d) Anthozoid

Q.30 Spores of Riccia are organized in groups.

- a) Two
- b) Four
- c) Six
- d) Five

Q.31 Draw a labeled diagram of archegonia in Riccia.

Q.32 Draw a labeled diagram of anthredium in Riccia.

Q.33 Write a short note on mechanism of dispersal of spores in Riccia

Q.34 Why air pores in Riccia are not called stomata.

Q.35 Is the sporophyte of Riccia wholly dependent on the gametophyte its nutrition and justify your answer.

Q.36 Draw a neat and labeled diagram of T.S. of thallus of Riccia.

Q.37 Comment on photosynthetic region in Riccia thallus.

Q.38 Describe air canals in thallus of Riccia.

4 Marks Questions:

Q.1 Study of life history of Riccia.

Q.2 Give the systematic position of Riccia with two reason at each stage.

Q.3 Write a short note on fertilization in Riccia.

Q.4 describe the structure of mature anthredium in Riccia.

Q.5 Describe structure of mature archegonium in Riccia.

Q.6 Describe different methods of vegetative reproduction in Riccia.

Q.7 Give the functions of two different regions of Riccia.

Q.8 With a labeled diagram describe sporophyte of Riccia.

Q.9 Write a note on sex organs in Riccia.

Q.10 Describe external morphology of adult gametophyte in Riccia.

Q.11 Draw, label and describe the internal structure of thallus of Riccia.

Q.12 Give position and structure of male sex organ in Riccia.

Q.13 Give position and structure of female sex organ in Riccia

Q.14 Describe dehiscence of sporophyte and dispersal of spores in Riccia.

Q.15 Describe the structure of spores and germination of spores and Riccia.

Q.16 How do the bryophytes differ from pteridophytes in structure of thallus.

Q.17 Describe the various types of vegetative propagation observed in Riccia.

6 Marks Questions:

Q.1 Describe the gametophyte of Riccia.

Q.2 Give diagrammatic Reproduction and alternation of generation in Riccia
Thallus.

Q.3 Describe habitat required for growth of Riccia. Give distribution of Riccia in
India also give systematic position of Riccia With reasons.

Q.4 Sketch, label and describe male and female reproductive structure in Riccia.

Q.5 State the economic importance of bryophytes.

Economic Importance Of Bryophytes

2 Marks Questions:

Q.1 State how bryophyte help in soil erosion.

Q.2 State how bryophyte help in soil building.

Q.3 State any four uses of peat mosses.

Q.4 Describe the role of bryophytes in plant succession.

Q.5 Describe role of bryophyte in conservation of soil.

Q.6 Describe role of bryophyte in development of soil.

Q.7 Describe role of bryophyte as packing material.

Q.8 Describe role of bryophyte in plant growth.

Q.9 Describe any four medicinal uses of bryophytes.

6 Marks Questions:

Q.1 Describe various economic importance of bryophytes.

Pteridophytes

2 Marks Questions:

1. State the nature of habitat required for the growth of pteridophytes.
2. The most primitive land plants are
 - a) Bryophytes b) Pteridophytes
 - c) Gymnosperms d) Fungi
3. Hydrophytic pteridophyte is
 - a) Lycopodium b) Azolla
 - c) Equisetum d) Selaginella
4. Pteridophytes are intermediates between
 - a) Bryophytes and Gymnosperms b) Thallophytes and Bryophytes
 - c) Bryophytes and Angiosperms d) Gymnosperms and Angiosperms
5. Pteridophytes are called
 - a) Non-vascular cryptogams
 - b) Cellular cryptogams
 - c) Vascular cryptogams
 - d) Non-cellular cryptogams
6. Define eusporangiate type of sporangia.
7. Define leptosporangiate type of sporangia.
8. Define heterospory.
9. What is ligule?
10. What is megasporophyll?
11. What is microsporophyll?
12. Define rhizophore.
13. Differentiate between microspore and megaspore.

14. Differentiate between microsporangia and megasporangia.
15. Describe trabeculae.
16. The term vascular cryptogam denote cryptogams with
 - a) Vascular tissue b) Non-vascular tissue
 - c) Parenchymatous tissue d) invisible tissue
17. In pteridophytes sexual reproduction is
 - a) Isogamous type b) Anisogamous type
 - c) Nanogamous type d) Oogamous type
18. Spores in pteridophyta are produced in special structures are called
 - a) Sporangia b) Archegonia
 - c) Antheridia d) gametangia
19. In pteridophyta fertilization occurs in presence of
 - a) Water b) Air
 - c) Light d) High Temperature
20. The origin of seed habit is associated with
 - a) Homospory b) Megasporangia
 - c) heterospory d) Microsporangia
21. Write any two features of pteridophytes showing similarities with Bryophytes.
22. In what respect the sporophyte of Pteridophytes and Spermatophytes are identical.
23. what are homosporous pteridophytes ? Give example.
24. What are heterosporous pteridophytes? Give example.
25. What is prothallus?
26. How rhizophore is considered as supportive feature.
27. Explain with labelled diagram Dictyostele.

28. Explain Endothecium.
29. Define stele, draw and explain protostele.
30. Distinguish between perigynium and perithecium.

4 Marks Questions:

- Q.1 What is diversity? Describe diversity with reference to sporophyte of Pteridophytes.
- Q.2 Write about diversity in habitat of pteridophytes.
- Q.3 Write diversity in male prothallus of pteridophyta.
- Q.4 Write diversity in female prothallus of pteridophyta.
- Q.5 Externally how sporophyte of Selaginella differ from sporophyte of Adiantum.
- Q.6 State any eight features of pteridophytes
- Q.7 Write any four distinguishing features of psilophyta.
- Q.8 Differentiate sporophyte of psilophyta and lepidophyta.
- Q.9 Write any four distinguishing features of lepidophyta.
- Q. 10 Write any four differences of lepidophyta and calamophyta.
- Q. 11 Explain in brief sporangia in pteridophyta.

Chapter-8 Classification of Pteridophytes

2 Marks Questions:

- Q1. Plants belonging to division psilophyta
- a) Heterosporous b) Homosporous
 - c) Without sporous d) Isosporous
- Q2. In division Psilophyta the sporophyte consists of under ground
- a) Root system b) Rhizoid system
 - c) Rhizome and rhizoids d) Stem system
- Q3. In division Psilophyta vascular cylinder is

- a) Eustelic b) Actinostilic
- c) Protostilic d) Siphonostilic

4 Marks Questions:

- Q1. Differentiate between sporophyte of Calamophyta and Pteridophyta
- Q2. Give in detail distinguishing features of lepidophyta.
- Q3. Give in detail distinguishing features of Psilophyta.
- Q4. Give in detail distinguishing features of Clamophyta
- Q5. Write variation between division psilophyta and lepidophyta
- Q6. Explain characteristic features of lepidophyta give two examples of lepidophyta
- Q7. Explain characteristic features of Pterophyta give two examples.
- Q8. Differentiate between division lepidophyta and pterophyta of pteridophytes.

6 Marks Questions:

- Q 1. Give account of classification of pteridophytes by G M Smith up to classes with at least two examples of each class.

Study of life history of Selaginella

2 Marks Questions:

- Q1. Give systematic position of Selaginella with at least two reasons at each stage of classification.
- Q2. Explain external feature of Selaginella thallus.
- Q3. Explain internal feature of Selaginella thallus.
- Q4. Describe the stele of stem of Selaginella.
- Q5. Sketch and label T.S. of Selaginella stem .
- Q6. Sketch and label T.S. of Selaginella root.
- Q7. Sketch and label T.S. of Rhizophore of Selaginella.
- Q8. Sketch and label L.S. of Strobilus of Selaginella.

Q9. Describe spermatozoid of Selaginella.

Q10. Describe structure of mature embryo in Selaginella.

Q11. Explain stele in Selaginella.

Q 12. Sketch and label the male gametophyte in Selaginella.

Q. 13 Sketch and label the female gametophyte in Selaginella.

4 Marks Questions:

Q1. Describe Antheridium of Selaginella.

Q2. Describe structure of mature archegonium of Selaginella.

Q3. Give graphical presentation alternation of generation in Selaginella.

Q4. Describe in brief morphological nature of the rhizophore of Selaginella.

Q5. Write a note on mode of fertilization in Selaginella.

Q 6. Describe in detail external morphology of Selaginella plant with the help of labeled sketch.

Q7. Habit , Habitat & spore of Selaginella shows diversity. Explain.

Q8. With the help of labeled sketch explain – internal structure of Selaginella stem.

9. Describe the structure of megasporangium in Selaginella.

10. Describe the structure of microsporangium in Selaginella.

11. Describe dehiscence of microsporangium and megasporangium in Selaginella.

12. Describe spermatozoid with labelled sketch in Selaginella.

13. Describe the structure of archegonium in Selaginella .

14. Describe the process of fertilization in Selaginella.

15. Describe development and structure of mature embryo in Selaginella.

16. Describe how heterospory leads to seed habit.

17. Distinguish the rhizophore of Selaginella from roots of Selaginella.

18. Explain the leaf arrangement of Selaginella.

19. Embryo in Selaginella is endosporic explain.
20. How rhizophore of Selaginella resemble with stem and roots of Selaginella. State two characters of each.
21. Mention any two types of vegetative reproduction in Selaginella.
22. Explain the habitat required for the growth of Selaginella.
23. Explain external feature of leaf of Selaginella.
24. Give the external feature of ligule of Selaginella.
25. Give the structure of Selaginella microspore.
26. Give the structure of megaspore of Selaginella.
27. Explain in brief how dehiscence of sporangia takes place in Selaginella.
28. Give systematic position of Selaginella.
29. Describe structure of microsporangium of Selaginella.
30. Describe structure of megasporangium of Selaginella.
31. Sketch and label the parts of microsporangium and megasporangium of Selaginella.

6 Marks Questions:

1. Describe organization of megaspore & development of female gametophyte in Selaginella.
2. Explain germination of microspore & development of male gametophyte in Selaginella.
3. Selaginella is quite distinct from Adiantum explain in brief.
4. Describe alternation of generation in Selaginella.

Economic importance of Pteridophyte

4 Marks Questions:

- 1) State in brief any four importance of Pteridophyte.
- 2) Give economic importance of Pteridophyte.

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हिंदी प्रश्नसंच

Year 2023- 2024

- 1 आ. रामचंद्र शुक्ल ने हिन्दी का प्रथम मौलिक उपन्यास किसे माना है ?
a भाग्यवती b परिक्षागुरु c नूतन ब्रम्हचारी d गोदान
- 2 जगदीशचंद्र माथुर द्वारा लिखित 'धरती धन न अपना' उपन्यास के पात्र निम्न में से नहीं है?
a काली b जानों c हरदेव चौधरी d दिव्या
- 3 किस उपन्यास को महाकाव्यात्मक उपन्यास कहा जाता है ?
a तमस b झूठा सच c कर्मभूमि d समय सरगम
- 4 प्रेमचंद किस प्रकार के उपन्यासकार माने जाते हैं ?
a यथार्थवादी b आदर्शवादी c आदर्शोन्मुख यथार्थवादी d यथार्थोन्मुख आदर्शवादी
- 5 किस उपन्यासकार ने अपने किस उपन्यास में उपन्यास के एक नवीन रूप को आंचलिक उपन्यास की संज्ञा प्रदान की थी।
a रांगेय राघव -कब तक पुकारु b नागार्जुन -बाबा बटेसरनाथ c फणीश्वरनाथ रेणु -मैला आचल
d अमृतलाल नागर -सेठ बाकेमल
- 6 मेरीगंज गाव में मुख्यतः तीन दल हैं निम्न में से कौनसा दल इसमें शामिल नहीं है
a राजपूत b कायस्थ c यादव d भूमिहार
- 7 निम्नलिखित उपन्यास को उनके स्त्री पात्रों से सुमेलित कीजिए
- | | |
|----------------------|----------|
| a बाणभट्ट की आत्मकथा | कमला |
| b झूठा सच | निपुणिका |
| c राग दरबारी | बेला |
| d मैला आचल | कनक |
- कोड
- | | | | | |
|---|-----|-----|-----|-----|
| a | ii | iv | i | iii |
| b | iii | iv | i | ii |
| c | ii | iii | i | iv |
| d | ii | i | iii | iv |
- 8 निम्नलिखित उपन्यासों को उनके प्रकाशन वर्ष से सुमेलित कीजिए
- | | |
|--------------------|-------------|
| a परिक्षागुरु | i 1877 इ. |
| b भाग्यवती | ii 1882 इ. |
| c सौ अजान एक सुजान | iii 1892 इ. |
| d निःसहाय हिंदू | iv 1890 इ. |

कोड	a	b	c	d
a	ii	iv	i	iii
b	ii	iv	i	iii

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c	ii	iii	i	iv
d	ii	i	iii	iv

9 राग दरबारी किस शैली में लिखा उपन्यास है ?

a रिपोर्टाज शैली b आत्मकथात्मक शैली c पत्रात्मक शैली d चित्रात्मक शैली

10 यशपाल द्वारा लिखित किस उपन्यास में देश विभाजन की त्रासदी को स्पष्ट किया है ?

a बाणभट्ट की आत्मकथा b झूठा सच c शेखर एक जीवनी d गोदान

11 आ.शुक्ल के अनुसार सं.1900 में किशोरीलाल गोस्वामी की इंदुमती कहानी किस पत्रिका में प्रकाशित हुई ?

a सुदर्शन b सरस्वती. c प्रतीक d सारिका

12 निम्नलिखित में से कौनसी कहानी चंद्रधर शर्मा गुलेरी द्वारा लिखित नहीं है

a सुखमय जीवन b बुद्धू का कांटा c उसने कहा था d विधवा

13 नयी कहानी आंदोलन की शुरुवात कहाँ से मानी जाती है ?

a 1978 b 1950 c 1960 d 1972

14 जनवादी लेखक संघ की स्थापना सन 1982 में कहाँ हुयी ?

a दिल्ली b मुंबई c कानपुर d कलकत्ता

15 निम्नलिखित लेखकों को उनकी कहानियों से सुमेलित कीजिए

a फणीश्वरनाथ रेणु	राजा निरंबसिया
b जानरंजन	परिदे
c निर्मल वर्मा	तिसरी कसम
d कमलेश्वर	पिता

कोड	a	b	c	d
a	iii	iv	ii	i
b	ii	iv	i	iii
c	ii	iii	i	iv
d	iv	i	iii	ii

16 'हार की जीत' किस विधा की कृति है

a काव्य b उपन्यास c कहानी d नाटक

17 चंद्रधर शर्मा गुलेरी लिखित 'उसने कहा था' कहानी कब प्रकाशित हुई ?

a 1911 इ. b 1913 इ. c 1915 इ. d 1909 इ.

18 निम्नलिखित में से 'आपका बंटी' उपन्यास में कौनसा पात्र नहीं है ?

a शकुन b अजय c यश d फूफी

19 निम्न में से 'धरती धन न अपना' उपन्यास का उद्देश कौनसा है ?

a समाज द्वारा बहिष्कृत कर दी गयी 'चमादड़ी' में रहनेवाले दलित जीवन के त्रासदी को व्यक्त करना
b देश विभाजन की त्रासदी को व्यक्त करना
c शिक्षा व्यवस्था पर व्यंग करना

M. S. Sankar

d देश की पुलिस व्यवस्था पर व्यंग करना

20 निम्नलिखित कहानियों को उनके पात्रों से सुमेलित कीजिए

a सिक्का बदल गया	i लहनासिंह
b राजा निरबंसिया	ii बुद्धगुप्त
c उसने कहा था	iii जगपती
d आकाशदीप	iv शेरा

कोड	a	b	c	d
a	iii	iv	ii	i
b	ii	iv	i	iii
c	ii	iii	i	iv
d	iv	iii	i	ii

21 कौनसा पात्र बाणभट्ट की आत्मकथा में नहीं है ?

a निपुणिका b भट्टीनी c बादामी d महामाया

22 'सिक्का बदल गया' कहानी की विषयवस्तु है

- a भारत विभाजन की त्रासदी
b विघटित जीवनमूल्य
c महानगरीय जीवन की समस्याएं
d अजनबीपन

23 निम्नलिखित में से कौनसी कहानी प्रेमचंद द्वारा लिखित नहीं है

a ठाकुर का कुआँ b बड़े घर की बेटी c दुनिया का अनमोल रत्न d कितने पाकिस्तान

24 जैनेन्द्र द्वारा लिखित अपना अपना भाग्य में किस शहर का वर्णन है ?

a बंबई b कलकत्ता c नैनीताल d देहरादून

25 'दुनिया की बेहयाई ढकने के लिए प्रकृति ने शव के लिए सफेद और ठंडे कफन का प्रबंध कर दिया' किस कहानी का वर्णन है

a अपना अपना भाग्य b दिल्ली में एक मौत c काला पहाड़ d एक टोकरी भर मिट्टी

26 प्रेमचंद की पहली कहानी का नाम क्या है ?

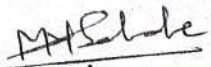
a ईदगाह b नमक का दारोगा c पुस की रात d दुनिया का अनमोल रत्न

27 'अगर तू मेरा सच्चा प्रेमी है तो जा दुनिया की सबसे अनमोल चीज लेकर मेरे दरबार में आ' प्रस्तुत वाक्य किसने किससे कहा है ?

a दिलफरेब ने दिलफिगार से b चंपा ने बुद्धगुप्त से c जाहिरा ने चौधरी से d पत्नी ने श्यामनाथ से

28 'चीफ की दावत' कहानी का पात्र निम्न में से कौन है ?

a मिस्टर श्यामनाथ b चौधरी c बुद्धगुप्त d कमल


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- 29 'काव्य कला और अन्य निबंध' किसकी रचना है
- जयशंकर प्रसाद
 - महावीरप्रसाद द्विवेदी
 - गुलाबराय
 - राहुल सांकृत्यायन
- 30 'कविता हमारे मनोवेगों को उत्तेजित करने का एक उत्तम साधन है' प्रस्तुत पंक्ति किस निबंधकार ने अपने किस निबंध में लिखी है?
- बालकृष्ण भट्ट - आत्मनिर्भरता
 - हरिशंकर परसाई - निंदा रस
 - रामचन्द्र शुक्ल - कविता क्या है
 - हजारिप्रसाद द्विवेदी - आपने मेरी रचना पढ़ी
- 31 अंधा युग नाटक के कथानक का मूल स्रोत क्या है ?
- रामायण
 - महाभारत
 - आधुनिक
 - आर्थिक
- 32 'सब के सब एक से हैं अलग अलग मुखौटे पर चेहरा सबका एक ही' प्रस्तुत कथन किस नाटक में उद्धृत है ?
- अंधा युग
 - आषाढ का एक दिन
 - आधे अधूरे
 - अंधेरी नगरी
- 33 अंधा युग गीति नाट्य का प्रकाशन वर्ष क्या है ?
- 1963 ई.
 - 1969 ई.
 - 1954 ई.
 - 1970 ई.
- 34 भारतेन्दु द्वारा लिखित नाटक नहीं है
- भारत जननी
 - भारत दुर्दशा
 - नीलदेवी
 - राजश्री
- 35 जयशंकर प्रसाद द्वारा लिखित नाटक नहीं है ।
- जनमेजय का नागयज्ञ
 - ध्रुव स्वामिनी

- c अजातशत्रु
d विषय विशगीषधम

36 कौनसा गीत चंद्रगुप्त नाटक का है ?

- a अरुण यह मधुमय देश हमारा
b हिमाद्रि तुंग शृंग से
c बीती विभावरी जाग री
d a और b दोनों

37 'अंधा युग' में कौनसा पात्र नहीं है ?

- a अश्वथामा
b द्रोणाचार्य
c युयुत्सु
d संजय

38 'धुवस्वामिनी' नाटक का प्रकाशन वर्ष क्या है ?

- a 1922 ई.
b 1933 ई.
c 1921 ई.
d 1927 ई.

39 दुर्जनसिंह किस नाटक का पात्र है

- a आषाढ़ का एक दिन
b धुवस्वामिनी
c अंधेरी नगरी
d बकरी

40 कौनसा गीत बकरी नाटक का है ?

- a अरुण यह मधुमय देश हमारा
b हिमाद्रि तुंग शृंग से
c लोकतंत्र जिंदाबाद जिंदाबाद तुमसे जात पात है आबाद
d बीती विभावरी जाग री

41 कालक्रम की दृष्टि से डॉ. हरिवंशराय बच्चन की आत्मकथा के चार भागों का सही क्रम है

- a दस द्वार से सोपान तक, नीड़ का निर्माण फिर,क्या भूलूँ क्या याद करू, बसेरे से दूर
b बसेरे से दूर,दस द्वार से सोपान तक,नीड़ का निर्माण फिर,क्या भूलूँ क्या याद करू
c क्या भूलूँ क्या याद करू,नीड़ का निर्माण फिर,बसेरे से दूर, दस द्वार से सोपान तक
d नीड़ का निर्माण फिर,क्या भूलूँ क्या याद करू,बसेरे से दूर,दस द्वार से सोपान तक

42 निम्नलिखित में से कौनसा यात्रा साहित्य अजेय द्वारा लिखित है ?

- a अरे यायावर रहेगा याद b पृथ्वी प्रदक्षिणा c सरयुपार की यात्रा d चिड़ों पर चांदनी

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1 Indian Economy

1. Define Gross Domestic Product (GDP). How is it measured in India?
2. What are the main features of a developing economy?
3. Differentiate between planned and market economies.
4. Explain the term 'Fiscal Deficit'. What is its significance for the Indian economy?
5. What is the difference between monetary policy and fiscal policy?
6. What are the main sectors of the Indian economy?

2. Indian Economic Planning

1. What were the main objectives of the First Five-Year Plan in India?
2. Discuss the role of NITI Aayog in the Indian economy.
3. Compare the Green Revolution with the White Revolution in India.
4. What is meant by inclusive growth? How does the government promote it?
5. Explain the concept of public-private partnership (PPP). Provide examples from India.

3. Agriculture

1. What is Minimum Support Price (MSP), and why is it important?
2. Discuss the impact of farm subsidies on the Indian agricultural sector.
3. How does climate change affect agriculture in India?
4. Write a short note on agricultural credit in India.
5. Explain the role of the Food Corporation of India (FCI) in ensuring food security.

4. Industry

1. What is Make in India? Discuss its impact on the industrial sector.
2. Explain the concept of 'Industrial Policy'. What are its key elements in India?
3. Discuss the challenges faced by Micro, Small, and Medium Enterprises (MSMEs) in India.
4. What is the importance of the service sector in the Indian economy?
5. How has Foreign Direct Investment (FDI) contributed to industrial growth in India?

5. Banking and Finance

1. What are the functions of the Reserve Bank of India (RBI)?
2. Explain the concept of Non-Performing Assets (NPAs). Why are they a concern for banks?
3. What is the role of commercial banks in economic development?
4. Define inflation. What measures does the RBI take to control it?
5. Discuss the significance of digital payments in the Indian economy.

6. External Sector

1. What is the Balance of Payments (BoP)? Explain its components.
2. How does the exchange rate affect international trade?
3. Write a short note on the impact of globalization on the Indian economy.
4. Discuss the role of the World Trade Organization (WTO) in India's trade policies.
5. What is India's position in terms of exports and imports globally?

7. Economic Reforms and Policies

1. Discuss the major economic reforms introduced in 1991 in India.
2. What is the Goods and Services Tax (GST)? How has it impacted India's economy?
3. Explain the significance of the Insolvency and Bankruptcy Code (IBC) in India.
4. Discuss the role of Start-up India in promoting entrepreneurship.
5. How does the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) contribute to rural development?

8. Current Economic Issues

1. What are the challenges of unemployment in India? Suggest solutions.
2. Discuss the impact of the COVID-19 pandemic on the Indian economy.
3. What is the role of renewable energy in India's economic development?
4. Explain the impact of climate change on the Indian economy.
5. What steps has India taken to become a \$5 trillion economy?

9. Money

1. Define money. What are its functions?
2. Explain the concept of money supply. What are its determinants?
3. Differentiate between fiat money and commodity money.
4. What are the primary characteristics of a good monetary system?
5. Discuss the role of money in an economy.
6. Explain the concept of demonetization. What were its objectives and impact on the Indian economy?
7. What are the various measures of money supply (M1, M2, M3, and M4) as per RBI classification?

10. Banking

1. What are the primary functions of commercial banks?
2. Explain the concept of credit creation by commercial banks.
3. Discuss the role of the Reserve Bank of India (RBI) in monetary policy.
4. What is a scheduled bank? How is it different from non-scheduled banks?
5. Define and explain Non-Performing Assets (NPAs). How do they affect the banking sector?
6. Discuss the significance of priority sector lending in India.
7. What is the difference between repo rate and reverse repo rate?
8. Explain the role of cooperative banks in rural development.
9. What is meant by digital banking? Discuss its advantages and challenges.

11. Monetary Policy

1. Define monetary policy. What are its objectives?
2. Differentiate between expansionary and contractionary monetary policies.
3. Explain the concept of the cash reserve ratio (CRR) and statutory liquidity ratio (SLR).
4. How does the RBI control inflation through monetary policy?
5. What is quantitative easing? How is it different from conventional monetary policy tools?
6. Discuss the role of open market operations (OMOs) in monetary policy.

12. Public Finance

1. Define public finance. What are its components?
2. Differentiate between public goods and private goods. Provide examples.
3. What is a fiscal deficit? How does it affect the economy?
4. Discuss the concept of tax buoyancy. How is it measured?
5. What is the Goods and Services Tax (GST)? Explain its features and benefits.
6. Explain the difference between direct taxes and indirect taxes.
7. What is deficit financing? How is it used as a tool for economic growth?
8. Discuss the concept of public debt. How does it impact the economy?
9. Explain the significance of a Union Budget. What are its main components?
10. What are grants-in-aid? How are they significant in a federal structure like India?

13. Fiscal Policy

1. Define fiscal policy. What are its objectives?
2. Differentiate between capital expenditure and revenue expenditure.
3. What is the significance of a balanced budget?
4. Explain the concept of progressive taxation.
5. What is meant by budgetary deficit? How is it different from fiscal deficit?
6. Discuss the role of fiscal policy in achieving economic stability.
7. How does the government use subsidies as a tool for fiscal policy?

14. Financial Institutions

1. What is the role of the IMF in international finance?
2. Discuss the functions of the World Bank in economic development.
3. What are Development Financial Institutions (DFIs)? Provide examples from India.
4. Explain the role of SEBI in regulating financial markets.
5. What is the role of NABARD in rural credit?
6. Discuss the impact of digital payments on monetary policy in India.
7. Explain the role of public finance in addressing climate change.
8. How does financial inclusion contribute to economic development?
9. Discuss the implications of rising public debt in India.
10. What are the challenges faced by the banking sector due to technological advancements?

15. Theories of Growth and Development

1. Explain Rostow's stages of economic growth.
2. What is the Harrod-Domar growth model?
3. Discuss the Solow Growth Model and its implications for long-term economic growth.
4. Explain the concept of "vicious circle of poverty."
5. Discuss Amartya Sen's capability approach to development.

16. Factors Affecting Growth and Development

1. What is the role of capital formation in economic development?
2. Discuss the impact of education and skill development on economic growth.
3. Explain the relationship between population growth and economic development.
4. How does technology influence economic growth?
5. What is the significance of infrastructure development in an economy?

17. Indicators of Development

1. Explain the concept of per capita income. Why is it used as an indicator of development?
2. What is the Multidimensional Poverty Index (MPI)?
3. Discuss the role of Gross National Happiness (GNH) as an alternative measure of development.
4. What is the significance of literacy rate and life expectancy as indicators of development?
5. How does the Gini coefficient measure income inequality?

18. Sustainable Development

1. What are the Sustainable Development Goals (SDGs)? List any five.
2. Discuss the relationship between economic growth and environmental sustainability.
3. Explain the concept of carbon footprint and its impact on development.
4. How can renewable energy contribute to sustainable development?
5. What is the role of government in promoting sustainable development?

19. Global and Regional Development

1. Discuss the challenges faced by developing countries in achieving economic growth.
2. Compare the growth patterns of India and China over the past three decades.
3. What is the role of international organizations like the UNDP and World Bank in promoting development?
4. Explain the concept of "North-South divide" in global development.
5. Discuss the role of regional trade agreements in economic growth.

20. Inclusive Growth

1. Define inclusive growth. How is it different from economic growth?
2. What policies can be adopted to achieve inclusive growth in developing countries?
3. Discuss the role of financial inclusion in promoting economic development.

4. How do social welfare programs contribute to inclusive growth?
5. Explain the concept of gender equality in economic development.


21. Challenges to Growth and Development

1. Discuss the impact of corruption on economic growth.
2. How does climate change affect economic development?
3. Explain the problem of unemployment in developing countries.
4. What is the impact of globalization on economic development?
5. Discuss the challenges of income inequality in achieving sustainable growth.

22. Current Issues and Trends

1. What are the challenges in achieving a \$5 trillion economy for India?
 2. Discuss the impact of the COVID-19 pandemic on global economic development.
 3. Explain the role of digital technology in promoting economic growth.
 4. How does the green economy model support sustainable growth?
 5. Discuss the impact of urbanization on economic development.
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QUESTION BANK -२०२३-२४

बी. ए. II, SEM -III, पेपर -III कादंबरी वांग्मय प्रवागर आणि उपयोजित मराठी - वारणेचा वाघ (कादंबरी)

प्रश्न -१ खालीलपैकी योग्य पर्याय निवडा.

- १) वारणेचा वाघ कादंबरीचे लेखक कोण?
अ)विठ्ठल वाघ ब)अण्णाभाऊ साठे क) दया पवार ड) यापैकी नाही
- २) वारणेचा वाघ कादंबरी कधी प्रकाशित झाली?
अ)1968 ब)1958 क) 1955 ड)1900
- ३) कादंबरीचे मध्यवर्ती पात्र कोण आहे?
अ)दादूमांग ब) बनाबाई क)सत्तू भोसले ड)रॉबर्ट
- ४) सत्तू भोसले ला लष्करात नोकरी कोणी मिळवून दिली?
अ)दादू मांग ब)रॉबर्ट क) मेरी ड)यापैकी नाही
- ५) सत्तू च्या आईचे नाव काय होते?
अ) सईबाई ब)सुभद्रा क)बनाबाई ड)मेरी
- ६) सईबाईला बेदम मारहाण कोणी केली?
अ)उमा चौगुले ब)फकीरा क)माताजी चौगुले ड)सत्तू भोसले
- ७) कोणाच्या खुनाने कुमजे गाव थरथरले?
अ)सईबाई ब)सत्तू भोसले क)मथाजी चौगुले ड)बनाबाई
- ८) मथाजी चौगुले याचा खून कोणी केला?
अ)आकाराम ब)आनंदा पाटील क)सत्तू भोसले ड)फकीरा
- ९) वांगणीच्या नामदेवराव सरदेशमुखांकडे पैशाची मागणी करण्यासाठी कोण गेले होते?
अ)आनंदा पाटील ब)बाबुराव क)गोंदा गोंधळी ड) आकाराम
- १०) आकाराम ने कोणाचा खून केला?
अ)फकीरा ब)सत्तू भोसले क)नामदेव सरदेशमुख ड)बाबुराव


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प्रश्न -१ खालीलपैकी योग्य पर्याय निवडा.

१) 'काव्यदर्श' हा ग्रंथ कोणाचा ?

अ-दंडी ब- भामह क- वामन ड- आनंदवर्धन

२) 'शब्दार्थो सहितौ काव्याम'ही व्याख्या कोणाची?

अ- भामह ब- वामन क- आनंदवर्धन ड- दंडी

३) 'ननु शब्दार्थो काव्याम'ही व्याख्या कोणाची ?

अ- रुद्रट ब- वामन क- आनंदवर्धन ड- दंडी

४) 'वक्रोक्ती'हे काव्याचे जीवित आहे असे कोणी मानले ?

अ- रुद्रट ब- कुंतक क- आनंदवर्धन ड- दंडी

५) कोणत्या संस्कृत साहित्यिकाने साहित्याची सहा प्रयोजने सांगितली आहेत?

अ- रुद्रट ब- मम्मट क- आनंदवर्धन ड- दंडी

६) लहान मुलांना गोष्टी ऐकायला आवडतात ते कोणत्या प्रवृत्तीमुळे ?

अ- जिज्ञासापूर्ती ब- स्वप्नरंजन क- नवनिर्मिती ड- पलायनवाद

७) साहित्यातून मिळणाऱ्या उच्च आनंदाला अभिनवगुप्त यांनी कोणते नाव दिले ?

अ- जिज्ञासापूर्ती ब- विश्रांतीकारणी क- निर्भेळ आनंद ड- यापैकी नाही

८) 'प्रतिभा म्हणजे नवनवीन उन्मेष धारण करणारी प्रज्ञा 'अशी प्रतिभेची व्याख्या कोणी केली आहे ?

अ- रुद्रट ब- वाग्भट क- आनंदवर्धन ड- दंडी

९) 'प्रतिभा ही वेडाची बहिण आहे'हा विचार कोणी मांडला ?

अ- लोम्ब्रोसो ब- वाग्भट क- आनंदवर्धन ड- दंडी

१०) शब्दांच्या किती शक्ती आहेत ?

अ- एक ब- दोन क- तीन ड- चार

पेपर नं १
सत्र - १
भारतीय शासन आणि राजकारण

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नातेपुते, ता. माळशिरस जि. सोलापूर महाराष्ट्र भारत ४१३२०४
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प्रश्न १ ला योग्य पर्याय निवडा.

प्रकरण - तिसरे

केंद्रीय कायदेमंडळ आणि कार्यकारी मंडळ
लोकसभा आणि राज्यसभा- रचना अधिकार आणि कामे
राष्ट्रपती, उपराष्ट्रपती, पंतप्रधान आणि मंत्रिमंडळ

१. भारतीय संविधानाच्या विभागात संसदेची तरतूद आहे.
अ. पहिल्या ब. दुस-या क. तिस-या ड. पाचव्या
२. भारतीय संविधानाच्या कलमात भारतीय संसदेची तरतूद करण्यात आलेली आहे.
अ. कलम ७९ ते १२२ ब. कलम १२ ते ३५ क. कलम १२३ ते १३५ ड. कलम २५० ते ३५०
३. भारतीय संविधानाच्या कलम ७९ ते १२२ या कलमात तरतूद आहे.
अ. संसद ब. उच्च न्यायालय क. सर्वोच्च न्यायालय ड. मुख्यमंत्री
४. भारताने गृहात्मक कायदेमंडळ पध्दती स्विकारलेली आहे.
अ. एक ब. द्वि क. त्री ड. चार
५. भारतीय संविधानाच्या... .. कलमात संसद सदस्यांना विशेषाधिकारांची तरतूद केलेली आहे.
अ. १०५ ब. १५५ क. २०५ ड. ३९५
६. केंद्रीय कायदेमंडळामध्ये राष्ट्रपती, राज्यसभा आणि या तीन घटकांचा समावेश असतो.
अ. राज्यपाल ब. न्यायाधीश क. लोकसभा ड. पंतप्रधान
७. लोकसभा हे संसदेचे सभागृह आहे.
अ. कनिष्ठ आणि प्रथम ब. वरिष्ठ आणि द्वितीय क. आदर्श ड. कामाचे
८. हे संसदेचे कनिष्ठ आणि प्रथम सभागृह आहे.
अ. राज्यसभा ब. ग्रामपंचायत क. पंचायत समिती ड. लोकसभा
९. संविधानाच्या व्या कलमात लोकसभेची सदस्य संख्या निश्चीत केलेली आहे.
अ. ७९ ब. ८० क. ८१ ड. ८२
१०. लोकसभेतील सदस्य हे चे प्रतिनिधीत्व करतात.
अ. लोकांचे ब. खासदारांचे क. आमदारांचे ड. राज्यांचे
११. संविधानाच्या ८१ व्या कलमान्वये लोकसभेची सदस्य संख्या एवढी निश्चीत केलेली आहे.
अ. ५५० ब. २५० क. ५३० ड. ५५२

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१२. लोकसभेतील सदस्य घटक राज्यांतील मतदारसंघातून प्रत्यक्ष निवडणुकीद्वारे निवडले जातात.

अ. ५३० ब. ५४० क. ५५० ड. २०

१३. केंद्रशासित प्रदेशांतून लोकसभेत सदस्य निवडले जातात.

अ. १० ब. २० क. ३० ड. ४०

१४. लोकसभेत एस. सी. व एस. टी. साठी जागा राखीव ठेवण्यात आल्या आहेत.

अ. ११५ ब. ११६ क. ११७ ड. ११८

१५. महाराष्ट्रातून लोकसभेमध्ये सदस्य निवडून जातात.

अ. ४७ ब. ४८ क. ४९ ड. १२

१६. लोकसभा सभागृहाचा कालावधी वर्ष आहे.

अ. २ ब. ४ क. ५ ड. स्थायी

१७. लोकसभा सदस्याचा कार्यकाल वर्ष आहे.

अ. ५ ब. २ क. स्थायी ड. ६

१८. लोकसभेच्या अध्यक्षास असे म्हणतात.

अ. चेअरमन ब. सभापती क. अध्यक्ष ड. उपराष्ट्रपती

१९. उत्तरप्रदेश मधून सर्वाधिक म्हणजे सदस्य लोकसभेत निवडून जातात.

अ. ८० ब. ८१ क. ८२ ड. ८३

२०. सध्या सतराव्या लोकसभेचे सभापती हे आहेत.

अ. सुषमा स्वराज ब. ओम बिरा क. राजनाथ सिंह ड. अमित शहा

२१. लोकसभेच्या सभापतीस देण्याचा अधिकार असतो.

अ. निर्णायक मत ब. शेवटचे मत क. पहिले मत ड. दुसरे मत

२२. लोकसभेचे कामकाज सुरू करण्यापूर्वी सदस्य (गणसंख्या) सभागृहात असावे लागतात.

अ. १/५ ब. १ क. १/१० ड. २/५

२३. लोकसभेत किमन सदस्य हजर असल्याशिवाय कामकाजास सुरूवात करता येत नाही.

अ. २५ ब. ५५ क. १०० ड. २५०

२४. धन विधेयक प्रथम सभागृहात मांडले जाते.

अ. लोकसभा ब. विधानसभा क. विधानपरिषद ड. राज्यसभा

२५. अर्थ विधेयक सर्वप्रथम सभागृहात सादर केले जाते.

अ. राज्यसभा ब. वरीष्ठ क. लोकसभा ड. दरबारात

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२६. अंदाजपत्रक मंजूर करण्याचा अधिकार आहे.
अ. लोकसभेला ब. जनतेला क. राज्यसभेला ड. राष्ट्रपतीला
२७. धन विधेयक लोकसभेने मंजूर केल्यानंतर राज्यसभा त्या विधेयकाला दिवसात मंजूर किंवा नामंजूर करू शकते.
अ. २ ब. ५ क. ७ ड. १४
२८. अँग्लो इंडियन जमातींना लोकसभेत योग्य प्रतिनिधित्व मिळाले नसेल तर त्यांचे सभासद नियुक्त करण्याचा अधिकार राष्ट्रपतींना देण्यात आलेला आहे.
अ. १ ब. २ क. ३ ड. ४
२९. अँग्लो इंडियन जमातींना लोकसभेत योग्य प्रतिनिधित्व मिळाले नसेल तर त्यांचे दोन सभासद नियुक्त करण्याचा अधिकार देण्यात आलेला आहे.
अ. न्यायाधिशांना ब. लोकांना क. पंतप्रधान ड. राष्ट्रपतींना
३०. लोकसभेतील सदस्यांची निवड पध्दतीने होते.
अ. प्रौढ व गुप्त मतदान ब. एकलसंक्रमणीय क. उघड ड. लोकांच्या मर्जीने
३१. देशात लोकसभेचे एकप्रतिनिधी मतदार संघ निर्माण करण्यात आले आहेत.
अ. २५० ब. ५५२ क. ५५० ड. २०
३२. लोकसभेच्या प्रत्येक मतदार संघातून सदस्य निवडून दिले जातात.
अ. दोन ब. एक क. तीन ड. चार
३३. लोकसभेच्या निवडणुकीत प्रत्येक मतदाराला मत देण्याचा अधिकार आहे.
अ. एक ब. दोन क. तीन ड. चार
३४. लोकसभेची निवडणूक लढवणा-या उमेदवाराचे वय पूर्ण असावे लागते.
अ. १८ ब. २१ क. २५ ड. ३०
३५. यांना वाटल्यास ते लोकसभेची मुदत विशिष्ट परिस्थितीत वाढवू शकतात.
अ. सरन्यायाधिश ब. उपराष्ट्रपती क. खासदार ड. राष्ट्रपती
३६. एखादा सदस्य लोकसभेच्या कामकाजाला सलग दिवस गैरहजर राहिल्यास त्याचे सदस्यत्व रद्द केले जाते.
अ. ३० ब. ६० क. ४५ ड. ९०
३७. एकावेळी सभागृहाचे सदस्यत्व स्विकारता येते.
अ. एकाच ब. दोनच क. तिनच ड. चारच

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३८. लोकसभेच्या सभापतींची निवड करतात.
अ. राष्ट्रपती ब. लोकसभेचे सदस्य क. उपराष्ट्रपती ड. जनता
३९. लोकसभेच्या सभापती व उपसभापती यांची तरतूद संविधानाच्या कलमात आहे.
अ. १२ ते ३५ ब. ५२ ते ६३ क. ९३ ते ९७ ड. १२२ ते १३८
४०. लोकसभेच्या सभापतींचा कार्यकाल एवढाच असतो.
अ. चार वर्ष ब. पाच वर्ष
क. तीन वर्ष ड. लोकसभेच्या कार्यकाला एवढाच
४१. ने लोकसभेच्या सभापतींवर अविश्वास ठराव पास केला तर त्यांना पदावरून दूर व्हावे लागते.
अ. जनते ब. लोकसभे क. राज्यसभे ड. न्यायालया
४२. सभापतींच्या अविश्वासाच्या ठरावाची लेखी सूचना दिवस आधी लोकसभेला द्यावी लागते.
अ. १४ ब. १५ क. ३० ड. ४५
४३. लोकसभेचे पहिले सभापती हे होते.
अ. एम. ए. अब्दुल गफार ब. हुकूमसिंग क. नीलम संजीव रेड्डी ड. जी. व्ही. मावळंकर
४४. सभागृहात शांतता व शिस्त ठेवण्याचे कार्य करावे लागते.
अ. पोलिस ब. लष्कर क. सभापती ड. राष्ट्रपती
४५. अर्थ विधेयक कोणते हे ठरवण्याचा अधिकार आहे.
अ. सभापती ब. उपराष्ट्रपती क. राष्ट्रपती ड. राज्यपाल
४६. राज्यसभा व लोकसभा यांच्या संयुक्त बैठकिचे अध्यक्षस्थान स्वीकारतात.
अ. राष्ट्रपती ब. सरन्यायाधीश क. राज्यपाल ड. सभापती
४७. लोकसभेच्या दोन्ही अधिवेशनांतील विश्रांतीचा काळ महिन्यांपेक्षा जास्त असता कामा नये.
अ. तीन ब. सहा क. चार ड. दोन
४८. यांना आवश्यकता वाटल्यास लोकसभेचे अधिवेशन केव्हाही बोलवू शकतात.
अ. सभापती ब. उपराष्ट्रपती क. राष्ट्रपती ड. सरन्यायाधीश
४९. मंत्रीमंडळ सामुहिकरित्या जबाबदार असते.
अ. लोकांना ब. लोकसभेला क. राष्ट्रपतींना ड. पंतप्रधानांना
५०. राज्यसभा हे संसदेचे सभागृह आहे.
अ. कनिष्ठ ब. प्रथम क. पहिले ड. वरिष्ठ

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५१. भारतीय संविधानाच्या ... कलमात राज्यसभेची रचना, स्वरूप याविषयी तरतूद केलेली आहे.
अ. ५० ते ६० ब. ६१ ते ७० क. ७९ ते ९२ ड. ९३ ते १०२
५२. राष्ट्रपती राज्यसभेतील सदस्यांची नियुक्ती करू शकतात.
अ. ६ ब. १२ क. २ ड. २०
५३. हे संसदेचे वरिष्ठ आणि द्वितीय सभागृह आहे.
अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद
५४. राज्यसभा सभागृहाचा कालावधी आहे.
अ. कायम ब. दोन वर्षांचा क. सहा वर्षांचा ड. पाच वर्षांचा
५५. राज्यसभेतील सदस्य हे चे प्रतिनिधीत्व करतात.
अ. जनतेचे ब. खासदारांचे क. आमदारांचे ड. राज्यांचे
५६. संविधानाच्या कलम ८० नुसार राज्यसभेत ... सदस्य असतात.
अ. ५५० ब. ५५२ क. २५० ड. २३८
५७. राज्यसभेतील सदस्य घटकराज्यांच्या विधानसभा सदस्यांतून निवडले जातात.
अ. २३८ ब. ५० क. ५० ड. २५०
५८. राष्ट्रपतीकडून साहित्य, कला, वाङ्मय, समाजसेवा, विज्ञान इत्यादी क्षेत्रातील नामवंत
व्यक्तींची नियुक्ती राज्यसभेत केली जाते.
अ. १५ ब. १२ क. १० ड. २
५९. राज्यसभेत सदस्य राष्ट्रपती मार्फत नियुक्त केले जातात.
अ. ९ ब. १० क. ११ ड. १२
६०. राज्यसभेत १२ सदस्य मार्फत नियुक्त केले जातात.
अ. राज्यपाल ब. राष्ट्रपती क. उपराष्ट्रपती ड. सरन्यायाधीश
६१. महाराष्ट्रातून राज्यसभेवर सदस्य निवडून जातात.
अ. १६ ब. १७ क. १८ ड. १९
६२. राज्यसभा सदस्य होण्यासाठी वयाची वर्षे पूर्ण करण्याची पात्रतेची अट आहे.
अ. २५ ब. ३० क. ३५ ड. २१
६३. राज्यसभा सभागृहाचा कालावधी वर्ष आहे.
अ. २ ब. स्थायी क. ५ ड. ६

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६४. राज्यसभा सभागृहातील १/३ सदस्य दर वर्षांनी निवृत्त होतात आणि त्या जागी तेवढेच नवीन सदस्य नव्याने निवडले जातात.
अ. १ ब. २ क. ३ ड. ४
६५. राज्यसभा सभागृहातील सदस्य दर दोन वर्षांनी निवृत्त होतात.
अ. १/१० ब. १/२ क. १/३ ड. १/५
६६. राज्यसभा सदस्याचा कार्यकाल वर्ष आहे.
अ. स्थायी ब. ५ क. २ ड. ६
६७. राज्यसभेतील सदस्य जनतेकडून प्रत्यक्ष निवडले
अ. जात नाहित ब. जातात क. जाऊ शकतात ड. सांगता येत नाही
६८. राज्यसभेच्या अध्यक्षास असे म्हणतात.
अ. सभापती ब. राष्ट्रपती क. अध्यक्ष ड. सरन्यायाधिश
६९. राज्यसभेचे पदसिद्ध अध्यक्ष असतात.
अ. राष्ट्रपती ब. सभापती क. राज्यपाल ड. उपराष्ट्रपती
७०. उपराष्ट्रपती सभागृहाचे पदसिद्ध अध्यक्ष असतात.
अ. राज्यसभा ब. लोकसभा क. विधानसभा ड. विधानपरिषद
७१. राज्यसभेच्या सभापतीला त्याच्या पदावरून दूर करण्याचा अधिकार आहे.
अ. राज्यसभेस ब. लोकसभेस क. संसदेला ड. राष्ट्रपतीला
७२. राज्यसभेचे कामकाज सुरू करण्यापूर्वी सदस्य (गणसंख्या) सभागृहात असावे लागतात.
अ. १/५ ब. ह क. १/१० ड. २/५
७३. राज्यसभेचे कामकाज सुरू करण्यासाठी राज्यसभेच्या २५० सदस्यापैकी किमान सदस्य सभागृहात हजर असावे लागतात.
अ. २० ब. २५ क. ५५ ड. ६०
७४. विषयक अधिकार सोडले तर लोकसभेच्या बरोबरीने राज्यसभेला कायदेनिर्मितीचे अधिकार देण्यात आलेले आहेत.
अ. प्रशासन ब. महसूल क. पोलिस ड. अर्थ
७५. विधेयके सोडून इतर सर्व प्रकारची विधेयके राज्यसभेत प्रथम मांडता येतात.
अ. अर्थ ब. खाजगी क. सरकारी ड. सार्वजनिक

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७६. राज्यसभा बहुमताने ठराव पास करून अखिल भारतीय सेवा निर्माण करण्याची शिफारस करू शकते.
- अ. १/२ ब. २/३ क. १/५ ड. १/१०
७७. भारताच्या राष्ट्रपतीला महाभियोग प्रक्रियेद्वारे पदभ्रष्ट करू शकते.
- अ. जनता ब. विधानसभा क. विधानपरिषद ड. संसद
७८. भारतीय संविधानाच्या कलम मध्ये राष्ट्रपती पदाची तरतूद आहे.
- अ. ४९ ब. ५० क. ५१ ड. ५२
७९. राष्ट्रपती पद स्वरूपाचे आहे.
- अ. कायम ब. नामधारी क. तात्पुरते ड. हंगामी
८०. कडून महान्यायवादीची नियुक्ती होते.
- अ. पंतप्रधान ब. राष्ट्रपती क. जनता ड. राज्यपाल
८१. राष्ट्रपती पदासाठी राज्यसभेतील सदस्य मतदान करू शकत नाहीत.
- अ. नामनिर्देशित ब. निवडून आलेले क. ८ ड. १०
८२. राष्ट्रपती पदासाठी लोकसभा, राज्यसभा व हे निर्वाचित सदस्य मतदान करू शकतात.
- अ. विधानपरिषद ब. ग्रामपंचायत सदस्य क. जिल्हा परिषद सदस्य ड. विधानसभा सदस्य
८३. राष्ट्रपती आपल्या पदाचा राजीनामा यांच्या कडे देतात.
- अ. गव्हर्नर ब. उपराष्ट्रपती क. सरन्यायाधीश ड. निर्वाचण आयुक्त
८४. संसदेचे अधिवेशन बोलविण्याचा अधिकार यांना आहे.
- अ. राष्ट्रपती ब. सभापती क. अध्यक्ष ड. खासदार
८५. राष्ट्रपतीने काढलेल्या वटहुकूमास संसदेने आठवड्याच्या आत मंजूरी देणे बंधनकारक आहे.
- अ. ३ ब. ४ क. ५ ड. ६
८६. भारतीय संविधानाच्या कलमाने राष्ट्रीय आणीबाणी लागू होते.
- अ. ६५० ब. ३५२ क. ३५४ ड. ३५८
८७. ... यांनी काढलेल्या वटहुकूमास संसदेने सहा आठवड्यांच्या आत मंजूरी देणे बंधनकारक आहे.
- अ. न्यायालय ब. पंतप्रधान क. राष्ट्रपती ड. जनता
८८. भारतीय संविधानाच्या भागात राष्ट्रपती पदासंबंधीची तरतूद आहे.
- अ. पहिल्या ब. दुस-य क. चौथ्या ड. पाचव्या

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८९. भारतीय संविधानाच्या कलमामध्ये राष्ट्रपती पदासंबंधीची तरतूद आहे.
अ. ७९ ते ९२ ब. १२ ते ३५ क. ५२ ते ६२ ड. ६३ ते १२०
९०. कलम ५२ मध्ये भारताला राष्ट्रपती असेल असे म्हणले आहे.
अ. एकच ब. दोनच क. तिनच ड. चारच
९१. हा भारताचा कार्यकारी प्रमुख आहे.
अ. पंतप्रधान ब. मंत्रीमंडळ क. राज्यपाल ड. राष्ट्रपती
९२. भारताच्या राष्ट्रपतीपदाचे वैशिष्ट्य असे की, ते तंतोतंत नाममात्र राजपदाप्रमाणे नाही.
अ. इंग्लंडच्या ब. फ्रान्सच्या क. जर्मनीच्या ड. स्वित्झर्लंडच्या
९३. हा भारताचा प्रथम नागरीक आहे.
अ. पंतप्रधान ब. नायबराज्यपाल क. राष्ट्रपती ड. सरन्यायाधीश
९४. राष्ट्रपती पदाची निवडणूक लढवणा-या व्यक्तीची वयाची वर्षे पूर्ण झालेली असली पाहिजे.
अ. २५ ब. ३५ क. ३० ड. ६०
९५. राष्ट्रपती पदाची निवडणूक लढवणारी व्यक्ती सदस्य म्हणून निवडून येण्यास पात्र असावी लागते.
अ. लोकसभेचा ब. विधानसभेचा क. राज्यसभेचा ड. विधानपरिषदेचा
९६. राष्ट्रपती पदाची निवडणूक लढवणा-या उमेदवारास निवडून यावयास आवश्यक असणा-या मतांच्या मते मिळाली नाही तर त्याची अनामत रक्कम जप्त केली जाते.
अ. १/२ ब. १/३ क. १/६ ड. १/१०
९७. राष्ट्रपती पदाची निवडणूक लढवणा-या व्यक्तीला निर्वाचन मंडळातील सदस्यांनी अनुमोदक व सुचक म्हणून मान्यता द्यावी लागते.
अ. १० ब. २० क. ३० ड. ५०
९८. भारताच्या राष्ट्रपती पदाची निवडणूक पध्दतीने होते.
अ. अप्रत्यक्ष ब. प्रत्यक्ष क. उघड ड. यापैकी नाही
९९. राष्ट्रपतीच्या निवडणुकीसाठी एक मंडळ निर्माण करण्यात येते.
अ. संघ ब. निर्वाचन क. गण ड. गट
१००. सदस्यांना राष्ट्रपतीच्या निवडणुकीत मतदान करता येत नाही.
अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद

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१०१. राज्यसभा व लोकसभा सभागृहातील सदस्यांना राष्ट्रपतीच्या निवडणुकीत मतदानाचा अधिकार दिलेला नाही.
अ. निर्वाचित ब. हुशार क. नियुक्त ड. गैरहजर
१०२. राष्ट्रपतीच्या निवडणुकीसाठी मतदान पध्दती स्वीकारलेली आहे.
अ. प्रत्यक्ष ब. स्पष्ट क. मताधिक्य ड. प्रमाणशीर क्रमदेय
१०३. हे भारताचे पहिले राष्ट्रपती होते.
अ. डॉ. राधाकृष्णन ब. डॉ. झाकीर हुसेन क. व्ही. व्ही. गिरी ड. डॉ. राजेंद्रप्रसाद
१०४. सध्या (२०२२) हे राष्ट्रपती आहेत.
अ. द्रोपदी मुर्मू ब. व्यंकय्या नायडू क. प्रणव मुखर्जी ड. रामनाथ कोविंद
१०५. संविधानाच्या कलम ५६ मध्ये राष्ट्रपती पदाची मुदत वर्ष देण्यात आली आहे.
अ. तीन ब. चार क. पाच ड. सहा
१०६. राष्ट्रपती आपल्या पदाचा राजिनामा यांच्या कडे देतात.
अ. पंतप्रधान ब. उपराष्ट्रपती क. उपराज्यपाल ड. सरन्यायाधीश
१०७. राष्ट्रपतीपदावर असणारी व्यक्ती वेळ निवडणूक लढवू शकते.
अ. दोन ब. एक क. तीन ड. चार
१०८. राष्ट्रपतींना त्यांच्या पदावरून दूर करण्याच्या प्रक्रियेला म्हणतात.
अ. भ्रष्टाचार ब. गैरवर्तन क. अविश्वास ड. महाभियोग
१०९. महाभियोग खटल्याची सूचना सभागृहातील सदस्यांनी कमित कमी चौदा दिवस आधी द्यावी.
अ. १/२ ब. १/४ क. १/१० ड. १/३
११०. राष्ट्रपतींवरिल महाभियोगाचा ठराव सभागृहाच्या बहुमताने पास झाला पाहिजे.
अ. १/२ ब. १/६ क. २/३ ड. १/५
१११. भारतीय संविधानाच्या कलमानुसार राष्ट्रपतीला विशेषाधिकार देण्यात आलेला आहे.
अ. ३६१ ब. ३६२ क. ३६३ ड. ३६४
११२. राष्ट्रपतींवर कोणताही दिवाणी व फौजदारी खटला भरता
अ. येतो ब. येत नाही क. सांगता येत नाही ड. यापैकी नाही
११३. राष्ट्रपतीला अटक करण्यासाठी किंवा कैदेत टाकण्यासंबंधीचा आदेश न्यायालय काढू शकत नाही.
अ. दिवाणी ब. महसूली क. फौजदारी ड. कोणतेही

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११४. पंतप्रधानाची नेमणूक करतात व पंतप्रधानाच्या सल्ल्याने मंत्रिमंडळाची नेमणूक होते.
अ. राज्यपाल **ब. राष्ट्रपती** क. सरन्यायाधीश ड. पक्षप्रमुख
११५. केंद्रीय लोकसेवा आयोगाचे अध्यक्ष व सभासद, राज्यपाल, नायब राज्यपाल, परराष्ट्रात पाठवायचे राजदूत व प्रतिनिधी, मुख्य निवडणूक आयुक्त यांच्या नेमणुका करतात
अ. लोकसेवा आयोग ब. राज्य सेवा आयोग क. राज्यपाल **ड. राष्ट्रपती**
११६. राष्ट्रपती संसदेच्या सभागृहाचे सदस्य नसतात.
अ. कोणत्याही ब. लोकसभा क. राज्यसभा ड. विधानमंडळ
११७. हे तिन्ही सैन्यदलांचे प्रमुख असतात.
अ. गव्हर्नर ब. व्हाईसरॉय **क. राष्ट्रपती** ड. लष्कर प्रमुख
११८. लोकसभा बरखास्त करण्याचा अधिकार आहे.
अ. पंतप्रधान **ब. राष्ट्रपती** क. मंत्रीमंडळ ड. जनता
११९. लोकसभा व राज्यसभा या दोन्ही सभागृहांचे संयुक्त अधिवेशन बोलवण्याचा अधिकार ... यांना आहे.
अ. खासदार ब. आमदार क. कॅबिनेट मंत्री **ड. राष्ट्रपती**
१२०. सार्वत्रिक निवडणुकिनंतर तसेच प्रत्येक वर्षाच्या सुरवातीला संसदेपुढे अभिभाषण करतात.
अ. राष्ट्रपती ब. अध्यक्ष क. सभापती ड. सभासद
१२१. संसदेने संमत केलेल्या प्रत्येक विधेयकाला संमती घ्यावी लागते.
अ. सभासदांची ब. पंतप्रधानांची **क. राष्ट्रपतींची** ड. लोकांची
१२२. सर्वसाधारण विधेयक नाकारण्याचा अधिकार राष्ट्रपतींना दिलेला आहे.
अ. अमर्यादित **ब. मर्यादित** क. अधिक ड. यापैकी नाही
१२३. विधेयक नाकारण्याचा अधिकार राष्ट्रपतींना नाही.
अ. धन ब. सर्वसाधारण क. खाजगी ड. सरकारी
१२४. भारतीय संविधानाच्या कलमाने राष्ट्रपतीला वटहुकूम काढण्याचा अधिकार दिलेला आहे.
अ. १२२ **ब. १२३** क. १२४ ड. १२५
१२५. संसदेने मंजूर केलेल्या वटहुकूमाचे रूपांतर होते.
अ. विधेयकात ब. अधिकारात क. कर्तव्यात **ड. कायद्यात**
१२६. वटहुकूम परत घेण्याचा किंवा रद्द करण्याचा अधिकार आहे.
अ. संसदेला ब. उपराष्ट्रपतींना **क. राष्ट्रपतींना** ड. पंतप्रधानांना

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१२७. यांची पूर्व संमती घेतल्या शिवाय अर्थ विधेयक संसदेसमोर मांडता येत नाही.
- अ. राष्ट्रपती ब. अर्थमंत्री क. अर्थराज्यमंत्री ड. अर्थसचीव
१२८. संचित निधीवर यांचे नियंत्रण असते.
- अ. अर्थखाते ब. राष्ट्रपती क. अर्थमंत्री ड. प्रधानमंत्री
१२९. दर पाच वर्षांनी वित्त आयोगाची नेमणूक करतात.
- अ. संसद ब. वित्त विभाग क. राष्ट्रपती ड. नियोजन आयोग
१३०. एखाद्या व्यक्तीची प्राणदंडाची किंवा इतर कोणत्याही गंभीर स्वरूपाची शिक्षा माफ किंवा शिक्षेत सुट देण्याचा अधिकार यांना आहे.
- अ. संसद ब. सरन्यायाधीश क. नायबराज्यपाल ड. राष्ट्रपती
१३१. भारतीय संविधानाच्या कलमाने घटकराज्यात आणीबाणी लागू होते.
- अ. ६५० ब. ३५६ क. ३६५ ड. ३९८
१३२. संविधानाच्या व्या विभागात आणीबाणीची तरतूद आहे.
- अ. १७ ब. १८ क. १९ ड. २०
१३३. बाह्य आक्रमण, युद्ध किंवा अंतर्गत अशांतता यामुळे राज्याच्या सुरक्षिततेला धोका उत्पन्न झाल्यास भारतीय संविधानाच्या कलमाने राष्ट्रपती आणीबाणी घोषित करू शकतात.
- अ. ३५० ब. ३५२ क. ३५६ ड. ३५८
१३४. आणीबाणीच्या काळात नागरिकांच्या मूलभूत हक्कांची अंमतबाजवणी संपूर्ण देशात अगर देशाच्या काही भागात तहकूब ठेवू शकतात.
- अ. पंतप्रधान ब. सरन्यायाधीश क. राष्ट्रपती ड. यापैकी नाही
१३५. राष्ट्रपती डॉ. राधाकृष्णन यांनी सन १९६२ साली युद्धाच्या वेळी आणीबाणीची घोषणा जाहिर केली होती.
- अ. भारत-पाकिस्तान ब. भारत-बांगलादेश क. भारत-इंग्लंड ड. भारत-चीन
१३६. सन १९७१ साली बांगला देशाच्या युद्धाच्या वेळी राष्ट्रपती यांनी आणीबाणी घोषित केली होती.
- अ. डॉ. राधाकृष्णन ब. फक्रुद्दिन अली अहमद क. व्ही. व्ही. गीरी ड. राजेंद्रप्रसाद
१३७. घटनादुरुस्तीने ३५२ कलमाखाली जाहिर केलेली आणीबाणी संपूर्ण देशाला लागू न करता विशिष्ट प्रदेशापुरती लागू करणे सोईचे झालेले आहे.
- अ. ४१ व्या ब. ४२ व्या क. ४३ व्या ड. ४४ व्या

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१३८. ३५६ व्या कलमाने घटकराज्यात आणीबाणी लागू झाल्यास कादेमंडळाचे कायदेनिर्मितीचे अधिकार राष्ट्रपती देतात.

अ. संसदेकडे ब. उच्चन्यायालयाकडे क. विधानमंडळाकडे ड. राज्यपालाकडे

१३९. संविधानाच्या ३५६ व्या कलमाने सर्वप्रथम मध्ये १९५१ साली आणीबाणी घोषित करण्यात आली.

अ. महाराष्ट्र ब. पंजाब क. जम्मू-काश्मिर ड. कर्नाटक

१४०. भारतीय संविधानाच्या कलमाने आर्थिक आणीबाणी लागू होते.

अ. ३६० ब. ३५२ क. ३५६ ड. ३५८

१४१. भारतात ३६० व्या कलमाने आर्थिक आणीबाणी

अ. दोन वेळा लागू झाली. ब. एक वेळा लागू झाली.
क. तीन वेळा लागू झाली. ड. एकदाही लागू झाली नाही.

१४२. राष्ट्रपती यांचा सल्ला विचारात घेवून निर्णय घेत असतात.

अ. उपराष्ट्रपती ब. संसद क. पंतप्रधान ड. सरन्यायाधीश

१४३. यांच्या सल्ल्याने काम करणे राष्ट्रपतींवर बंधनकारक असते.

अ. सरन्यायाधीश ब. जनता क. पंतप्रधान व मंत्रीमंडळ ड. लोकायुक्त

१४४. भारतीय संविधानाच्या कलम ६३ नुसार भारताला उपराष्ट्रपती असेल असे म्हणले आहे.

अ. चार ब. तीन क. दोन ड. एक

१४५. उपराष्ट्रपती पदाची निवडणूक लढवण्यासाठी वयाची वर्षे पूर्ण असावी लागतात.

अ. २५ ब. ३० क. ३५ ड. ६०

१४६. उपराष्ट्रपती पदाची निवडणूक लढवणा-या उमेदवाराला सदस्यांनी अनुमोदन द्यावे लागते.

अ. १० ब. २० क. ३० ड. ४०

१४७. उपराष्ट्रपती पदाची निवडणूक पध्दतीने होत असते.

अ. प्रत्यक्ष ब. गुप्त व क्रमदेय क. चिड्डी टाकूण ड. हात वर करून

१४८. उपराष्ट्रपतींचा कार्यकाल वर्ष आहे.

अ. २ ब. ४ क. ५ ड. ६

१४९. राज्यसभेतील सर्व विधेयके यांच्या सहीने संमत होतात.

अ. उपराष्ट्रपती ब. राष्ट्रपती क. पंतप्रधान ड. राज्यपाल

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१५०. सध्या (२०२१)... .. हे उपराष्ट्रपती आहेत.

अ. एम. व्यंकय्या नायडू ब. के. आर. नारायण क. कृष्णकांत ड. शेखावत

१५१. सध्या (२०२३)... .. साली हे उपराष्ट्रपती आहेत.

अ. श्री.कृष्णकांत ब. श्री. भैरो सिंह शेखावत
क. श्री. मो. हमीद अन्सारी ड. श्री. जगदीप धनखड

१५२. राष्ट्रपती व उपराष्ट्रपती यांच्या गैरहजेरीत हे राष्ट्रपती पदावर तात्पुरते काम करू शकतात.

अ. पंतप्रधान ब. सरन्यायाधिश क. राज्यपाल ड. नायब राज्यपाल

१५३. भारताच्या उपराष्ट्रपती या गृहाचा पदसिध्द अध्यक्ष असतो.

अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद

१५४. उपराष्ट्रपती पदासाठी लोकसभा व या सभागृहातील सदस्य मतदान करू शकतात.

अ. पंचायतसमिती ब. महानगरपालिका क. राज्यसभा ड. नगरपंचायत

१५५. संविधानाच्या कलमात पंतप्रधान या पदाविषयी तरतूद आहे.

अ. ७४ ब. ७५ क. ७६ ड. ७७

१५६. संसदेच्या कनिष्ठ सभागृहात म्हणजेच लोकसभेत ज्या पक्षाल बहुमत प्राप्त होते त्या पक्षाचा नेता
... .. बनतो.

अ. पक्षाचा नेता ब. राष्ट्रपती क. मुख्यमंत्री ड. पंतप्रधान

१५७. पंतप्रधान हे प्रमुख असतात.

अ. नामधारी ब. वास्तविक क. खरे ड. काल्पनिक

१५८. सध्या (२०२२) श्री. नरेंद्र मोदी हे वे पंतप्रधान म्हणून कार्यरत आहेत.

अ. १० ब. १२ क. १५ ड. १९

१५९. पंतप्रधान हा समानातील प्रमुख असतो असे यांनी म्हटले आहे.

अ. राष्ट्रपती ब. लॉर्ड मोर्ले क. नरेंद्र मोदी ड. उपराष्ट्रपती

१६०. यांनी पंतप्रधानाला ग्रहमालेतील सूर्य असे म्हटले आहे.

अ. अमित शहा ब. रामनाथ कोविंद क. डॉ. जेनिंग ड. राजनाथ सिंह

१६१. पंतप्रधान आपल्या सामुदायिकरित्या लोकसभेला जबाबदार राहता

अ. सर्व मंत्र्यांसह ब. सर्व कुटुंबांसह क. सर्व पक्षांसह ड. सर्व खासदारांसह

१६२. लोकसभेचा विश्वास असेपर्यंत अधिकारपदावर राहून कार्य करू शकते.

अ. सचीव ब. खासदार क. राष्ट्रपती ड. मंत्रिमंडळ

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१६३. लोकसभेत मंत्रिमंडळाविरूद्ध अविश्वासाचा ठराव मंजूर झाला तर पंतप्रधानाला आपल्या मंत्रिमंडळाचा द्यावा लागतो.
- अ. बोनस ब. पत्ता क. राजिनामा ड. विश्वास
१६४. केंद्रीय मंत्रिमंडळाची तरतुद संविधानाच्या कलमात आहे.
- अ. ७३ ब. ७४ क. ७५ ड. ७६
१६५. मंत्र्यांच्या नेमणूका करण्याचे पूर्ण स्वातंत्र्य आहे.
- अ. पंतप्रधानाला ब. राष्ट्रपतीला क. पक्षाध्यक्ष ड. उपराष्ट्रपती
१६६. पंतप्रधान आपल्या सर्व मंत्र्यांसह सामुहिकरित्या जबाबदार राहतो.
- अ. लोकांना ब. राज्यसभेला क. लोकसभेला ड. राष्ट्रपतीला
१६७. हा संसदीय कार्याचा केंद्रबिंदू मानला जातो.
- अ. राष्ट्रपती ब. पंतप्रधान क. उपराष्ट्रपती ड. सचीव
१६८. राष्ट्राच्या सार्वभौमत्वाच्या रक्षणाची जबाबदारी यांच्यावर असते.
- अ. राजदूत ब. मंत्री क. सचीव ड. पंतप्रधान
१६९. संसदेतील विधेयके सरकारी असतात त्यांची निर्मिती पंतप्रधान व मंत्रिमंडळ करते.
- अ. ९० टक्के ब. ८० टक्के क. ७० टक्के ड. ६० टक्के
१७०. मंत्रीमंडळात फक्त मंत्र्यांचा समावेश होतो.
- अ. महत्वाच्या ब. कॅबिनेट क. राज्य ड. उप
१७१. मंत्रीमंडळात मंत्री हे प्रथम दर्जाचे मंत्री मानले जातात.
- अ. राज्य ब. उप क. बिनखात्याचे ड. कॅबिनेट
१७२. हे मंत्रिमंडळाचे अध्यक्ष असतात.
- अ. कॅबिनेट मंत्री ब. उपराज्यपाल क. पंतप्रधान ड. नायबराज्यपाल
१७३. मंत्रिमंडळातील हे दुस-या दर्जाचे मंत्री मानले जातात.
- अ. कॅबिनेट मंत्री ब. राज्यमंत्री क. उपमंत्री ड. संसदीय सचीव
१७४. मंत्रिमंडळातील हे तिस-या दर्जाचे मंत्री मानले जातात.
- अ. कॅबिनेट मंत्री ब. राज्यमंत्री क. उपमंत्री ड. संसदीय सचीव
१७५. मंत्र्यांना त्यांच्या कामात मदत करण्यासाठी नियुक्ती केली जाते.
- अ. संसदीय सचीव ब. मंत्री क. खासदार ड. लोकांची

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१७६. मंत्रीपरिषदेमध्ये कॅबिनेट, राज्य व मंत्र्यांचा समावेश होतो.

अ. देश ब. विदेश क. उप ड. मोठ्या

१७७. सदस्य संख्येच्या १५ टक्के इतक्याच संख्येचे मंत्रीपरिषद तयार होते.

अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद

१७८. लोकसभा सदस्य संख्येच्या टक्के इतक्याच संख्येचे मंत्रीपरिषद तयार होते.

अ. १० ब. १२ क. १४ ड. १५

१७९. मंत्रीमंडळात प्रकारचे मंत्री असतात.

अ. दोन ब. तीन क. बारा ड. अकरा

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प्रकरण - दुसरे

भारतीय नागरिकांचे मूलभूत अधिकार, कर्तव्ये आणि राज्याच्या धोरणाची मार्गदर्शक तत्वे

१. लोकमान्य टिळकांनी मध्ये ब्रिटिश सरकारकडे मूलभूत अधिकारांची मागणी केली होती.
अ. १८८० ब. १८९० क. १८९५ ड. १९००
२. भारतीय संविधानाच्या विभागात भारतीय नागरिकांसाठी मूलभूत अधिकार दिलेले आहेत.
अ. तिस-या ब. पहिल्या क. दुस-या ड. दुस-या
३. व्यक्तीस्वातंत्र्य जोपासण्यासाठी संविधानाच्या कलम मध्ये मूलभूत अधिकार दिले आहेत.
अ. १ ते ४ ब. ५ ते ११ क. १२ ते ३५ ड. ३६ ते ५१
४. भारतीय संविधानाच्या कलम १४ ते १८ मध्ये अधिकार भारतीय नागरीकांना दिला आहे.
अ. धार्मिक ब. समतेचा क. शोषणाविरुद्धचा ड. संपत्तीचा
५. कायद्यापुढे समानता व कायद्याचे समान संरक्षण हे कलम मध्ये स्पष्ट केले आहे.
अ. ११ ब. १२ क. १३ ड. १४
६. भेदभाव नसावा हे तत्त्व संविधानाच्या कलमात आहे.
अ. १५ ब. १६ क. २५ ड. ४५
७. सेवायोजनामध्ये सर्वांना समान संधी हे तत्त्व कलमात आहे.
अ. कलम २६ ब. कलम १६ क. कलम ३३ ड. कलम २३
८. भारतीय संविधानाच्या कलम नुसार अस्पृश्यता पाळणे हा गुन्हा आहे.
अ. १७ ब. १८ क. १९ ड. २०
९. समतेसाठी अस्पृश्यता निवारणाचा कायदा साली संसदेने मंजूर केला.
अ. १९५० ब. १९६० क. १९४७ ड. १९५५
१०. लष्करी व विद्याविषयक पदव्याव्यतिरीक्त इतर पदव्या नदेण्याचे धोरण राज्याने या कलमाने स्विकारले आहे.
अ. कलम १७ ब. कलम १८ क. कलम १९ ड. कलम २०
११. भारतीय राज्यघटनेच्या कलम १९ व २२ मध्ये अधिकार दिलेला आहे.
अ. स्वातंत्र्याचा ब. सांस्कृतिक व शैक्षणिक
क. मालमतेचा ड. घटनात्मक उपाय योजण्याचा

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१२. कलम १९ नुसार भारतीय नागरिकांना स्वातंत्र्य दिली आहेत.
अ. ४ ब. ५ क. ६ ड. ७
१३. भाषण स्वातंत्र्य व इतर संबंधित हक्कांचे संरक्षण कलम नुसार भारतीय संविधानाने केले आहे.
अ. १२ ब. १९ क. २२ ड. २९
१४. अपराधांबद्दलच्या दोषसिद्धीबाबत संरक्षण हा हक्क कलम नुसार मिळाला आहे.
अ. २० ब. २१ क. २२ ड. २३
१५. भारतीय संविधानाच्या कलम २१ नुसार हा मूलभूत अधिकार नागरिकांना मिळाला आहे.
अ. समतेचा अधिकार ब. जीवित व व्यक्तिगत स्वातंत्र्य
क. धार्मिक अधिकार ड. शोषणाविरूद्धचा अधिकार
१६. अटक व स्थानबद्धता या पासून संरक्षण या कलमाने नागरिक करू शकतात.
अ. २० ब. २१ क. २२ ड. २४
१७. भारतीय संविधानाच्या कलम २३ व २४ मध्ये हा अधिकार आहे.
अ. शैक्षणिक ब. शोषणाविरूद्धचा क. संपत्तीचा ड. यापैकी नाही
१८. कलम २३ नुसार मनाई करण्यात आली आहे.
अ. मानसांचा व्यापार व वेठबिगारीस ब. कत्तलकरण्यास
क. संपत्ती जमा करण्यास ड. मतदान करण्यास
१९. कलम २४ नुसार कारखाण्यात यांना काम करण्यास मनाई करण्यात आली आहे.
अ. महिलांना ब. बालकांना क. मजूरांना ड. अल्पसंख्यांकांना
२०. भारतीय राज्यघटनेच्या कलम २५ ते २८ मध्ये स्वातंत्र्याचा अधिकार नागरिकांना दिलेला आहे.
अ. सांस्कृतिक ब. धार्मिक क. शैक्षणिक ड. राजकीय
२१. धर्माचे मुक्त प्रकटीकरण, आचरण व प्रचार करण्याचा अधिकार नागरिकांना नुसार मिळतो.
अ. कर्मा ब. धर्मा क. कलम २५ ड. स्वभावा
२२. कलम २६ नुसार अधिकार नागरिकांना मिळाला आहे.
अ. शिक्षण संस्था स्थापनेचा ब. धर्म विषयक व्यवहारांची व्यवस्था पाहण्याचा
क. संस्कृती जपण्याचा ड. मतदान करण्याचा
२३. धर्माच्या संरक्षणासाठी कर देण्याचे स्वातंत्र्य या भारतीय संविधानाच्या कलमात आहे.
अ. कलम १२ ब. कलम १५ क. २६ ड. २७

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सहाकार महर्षि शंकरराव मोहिते-पाटील महाविद्यालय
नातेपुते, ता. माळशिरस जि. सोलापूर महाराष्ट्र भारत ४१३२०४
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२४. शिक्षण संस्थातील धार्मिक स्वातंत्र्य हा अधिकार ... कलमात आहे.
अ. २८ ब. २९ क. ३० ड. ३१
२५. भारतीय नागरिकांना ... कलमानुसार सांस्कृतिक व शैक्षणिक अधिकार दिले आहेत.
अ. १२ ते ३५ ब. ३६ ते ५१ क. २९ व ३० ड. ३१
२६. अल्पसंख्यांक वर्गाच्या हितसंबंधांचे संरक्षण ... कलमानुसार केले जाते.
अ. २८ ब. २९ क. ३० ड. ३२
२७. अल्पसंख्यांक वर्गातील शिक्षणसंस्था स्थापण्याचा हक्क ... कलमाने दिला आहे.
अ. कलम ३० ब. कलम १५ क. कलम १८ ड. कलम २५
२८. मुळ संविधानातील मालमत्तेचा किंवा संपत्तीचा अधिकार इ.स. १९७८ च्या ... व्या घटनादुरुस्तीने काढून टाकला आहे.
अ. ४० ब. ४१ क. ४२ ड. ४४
२९. मुळ संविधानातील मालमत्तेचा किंवा संपत्तीचा अधिकार इ.स. ... च्या ४४ व्या घटनादुरुस्तीने काढून टाकला आहे.
अ. १९७६ ब. १९७७ क. १९७८ ड. १९७९
३०. मुळ संविधानातील ... अधिकार इ.स. १९७८ च्या ४४ व्या घटनादुरुस्तीने काढून टाकला आहे.
अ. मालमत्तेचा किंवा संपत्तीचा ब. जीविताचा क. व्यवसायाचा ड. नोकरीचा
३१. संविधानाच्या मुळ ... कलमात संपत्तीचा अधिकार होता.
अ. ३१ ब. ३२ क. ३३ ड. ३४
३२. संपत्तीचा अधिकार आता मूलभूत न राहता तो आता ... बनला आहे.
अ. नैतिक ब. कायदेशीर क. आर्थिक ड. सामाजिक
३३. मूलभूत अधिकारांचा संकोच झाल्यास ... संविधानाच्या कलमाने सर्वोच्च न्यायालयात दाद मागता येते.
अ. ३२ ब. २२६ क. ३५८ ड. ३७०
३४. मूलभूत अधिकारांचा संकोच झाल्यास ... संविधानाच्या कलमाने उच्च न्यायालयात दाद मागता येते.
अ. २३ ब. २२६ क. ३२ ड. ३७५
३५. बेकायदेशीर अटक केल्यास ... हा अर्ज न्यायालयात करता येतो.
अ. महादेश ब. अधिकारपृच्छा क. प्राकर्षण ड. बंदी प्रत्यक्षीकरण

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३६. एखादी व्यक्ती, संस्था किंवा सरकारी अधिकारी आपल्या कर्तव्याचे पालन करीत नसेल आणि त्यामुळे एखाद्या व्यक्तीवर अन्याय होत असेल किंवा मूलभूत अधिकारांवर आक्रमण होत असेल तर ती व्यक्ती ... अर्ज न्यायालयाकडे करू शकते.

अ. दोहोपस्थिती **ब. महादेश** क. बंदी हुकूम ड. उत्प्रेषण

३७. एखाद्या खटल्याचा निर्णय घेणे योग्य नसल्यास किंवा कनिष्ठ न्यायालयाला तो अधिकार नसताना चालवला जात असल्यास तो खटला थांबविण्यासाठी ... हा अर्ज न्यायालयाकडे करता येतो.

अ. बंदी हुकूम ब. न्यायालयीन पूर्नर्विलोकन क. महादेश ड. क्वाधिकार

३८. शासकीय किंवा सार्वजनिक पदावर अधिकार नसताना एखादी व्यक्ती ते पद भूषवित असेल तर त्या विरुद्ध व्यक्तीला ... अर्ज करता येतो.

अ. उपप्रेषण ब. बंदी प्रत्यक्षीकरण क. परमादेश **ड. अधिकारपृच्छा**

३९. एखादा खटला कनिष्ठ न्यायालयात चालवण्याचा अधिकार नसताना तो चालवला जात असल्यास त्या विरुद्ध ... हा अर्ज न्यायालयात करता येतो.

अ. उत्प्रेषण ब. क्वाधिकार क. परमादेश ड. बंदी प्रत्यक्षीकरण

४०. भारतीय संविधानाच्या ... विभागात राज्याच्या धोरणाची मार्गदर्शक तत्वे देण्यात आलेली आहेत.

अ. तिस-या **ब. चौथ्या** क. पाचव्या ड. सहाव्या

४१. भारतीय संविधानाच्या ... कलमात राज्याच्या धोरणाची मार्गदर्शक तत्वे आहेत.

अ. ५ ते ११ ब. १२ ते ३५ **क. ३६ ते ५१** ड. ५१ अ

४२. राज्याच्या धोरणाची मार्गदर्शक तत्वे यांना ... सुद्धा म्हणतात.

अ. कलमे **ब. नीतिनिर्देशक तत्वे** क. धोरण ड. कायदा

४३. मार्गदर्शक तत्वांना ... मान्यता नाही.

अ. घटनात्मक ब. मानसिक **क. कायदेशीर** ड. नैतिक

४४. मार्गदर्शक तत्वांना ... संरक्षण नाही.

अ. कायदेशीर ब. कार्यकारी मंडळाचे क. जनतेचे **ड. न्यायालयीन**

४५. स्त्री-पुरुष दोघांना समान कामासाठी समान वेतन हे तत्व मार्गदर्शक तत्वाच्या ... कलमात आहे.

अ. ३९ ब. ४१ क. ४२ ड. ४३ (क)

४६. काम व शिक्षणाबाबत राज्याची मदत हे तत्व ... कलमात आहे.

अ. ४३ ब. ४३ (क) **क. ४१** ड. ४८

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४७. कामाबाबत न्याय, मानवी परिस्थिती, प्रसुतिविषयक सहाय्याची तरतूद कलमात आहे.
अ. ४० ब. ४१ क. ४३ ड. ४२
४८. कामगारांना निर्वाह वेतनाची तरतूद भारतीय संविधानाच्या कलमात आहे.
अ. ४२ ब. ४३ क. ४३ (क) ड. ४८
४९. १४ वर्षा खालील बालकांना मोफत व सक्तीचे शिक्षण देण्याची तरतूद संविधानाच्या कलमात आहे.
अ. १४ ब. २४ क. ४४ ड. ४५
५०. भारतीय संविधानाच्या कलम नुसार ग्रामपंचायती स्थापन करण्याची तरतूद आहे.
अ. ४० ब. ४१ क. ४२ ड. ४३
५१. भारतीय संविधानाच्या कलम ४० नुसार ची स्थापना करण्याची तरतूद आहे.
अ. पंचायत समिती ब. ग्रामसभा क. **ग्रामपंचायत** ड. जिल्हा परिषद
५२. भारतीय नागरीकांसाठी एकरूप नागरी संहितेची तरतूद संविधानाच्या कलमात आहे.
अ. ४४ ब. ५५ क. २२ ड. ६६
५३. समान न्याय व कादयेविषयक मोफत सल्ला हे तत्व संविधानाच्या कलमात आहे.
अ. ४५ ब. ४६ क. ३९ (क) ड.
५४. मार्गदर्शक तत्वे न्यायप्रविष्ट नसतात म्हणजे मूलभूत हक्कांप्रमाणे मार्गदर्शक तत्वांना न्यायालयीन संरक्षण
अ. असते ब. सांगता येत नाही क. कमी असते ड. **नसते**
५५. प्रा. के. टी. शहा यांच्या मते, बँकेच्या सोईनुसार वटविला जाणारा चेक म्हणजे होय.
अ. धनादेश ब. **मार्गदर्शक तत्वे** क. राज्य ड. युध्द
५६. यांच्या मते, बँकेच्या सोईनुसार वटविला जाणारा चेक म्हणजे मार्गदर्शक तत्वे होय.
अ. महात्मा गांधी ब. पंडित नेहरू क. गोखले ड. **प्रा. शहा**
५७. इ.स. १९७६ मध्ये वी घटना दुरूस्ती करून संविधानात मूलभूत कर्तव्ये समाविष्ट केली आहेत.
अ. ४० ब. ४२ क. ४४ ड. ४६
५८. इ. स. १९७६ च्या ४२ व्या घटना दुरूस्तीने संविधानात चा समावेश केला आहे.
अ. लोकशाही ब. राष्ट्रपती पदाचा क. **मूलभूत कर्तव्य** ड. मूलभूत अधिकार

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५९. भारतीय नागरीकांना संविधानाने कर्तव्याचे पालन करण्याची जबाबदारी टाकली आहे.
अ. ३५ ब. १५ क. १० ड. ५
६०. संविधानाच्या या विभागात मूलभूत कर्तव्य आहेत.
अ. ४ क ब. ५ क. ५ क ड. ६ क
६१. संविधानाच्या कलम मध्ये मूलभूत कर्तव्यांचा समावेश आहे.
अ. ४९ ब. ५० क. ५१ ड. ५१ अ
६२. संविधानाच्या कलम ५१ अ मध्ये चा समावेश आहे.
अ. मूलभूत हक्क ब. राष्ट्रपती पद क. मूलभूत कर्तव्य ड. न्यायालय
६३. २००२ च्या व्या घटनादुरुस्तीने ६ ते १४ वर्षे वयोगटातील मुलांना त्याचे आई-वडील त्याला शिक्षण मिळण्याची परिस्थिती निर्माण करतील असे कर्तव्य घातले आहे.
अ. ८६ ब. ८७ क. ८८ ड. ८९
६४. हक्क आणि हे एकाच नाण्याच्या दोन बाजू आहेत.
अ. मार्गदर्शक तत्त्वे ब. संसद क. कर्तव्य ड. न्यायालय
६५. सध्या मूलभूत कर्तव्ये आहेत.
अ. १० ब. ११ क. १२ ड. १३

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प्रश्न १ ला योग्य पर्याय निवडा.

प्रकरण - पहिले

भारतीय संविधानाचे तत्वज्ञान, प्रस्ताविका आणि भारतीय संविधानाची वैशिष्ट्ये

१. इ.स. १६०० साली इंग्लंडची राणी यांनी ब्रिटिश ईस्ट इंडिया कंपनीला हिंदुस्थानात व्यापार करण्याची परवानगी दिली.
अ. पहिली एलिझाबेथ ब. दुसरी एलिझाबेथ क. तिसरी एलिझाबेथ ड. चौथी एलिझाबेथ
२. इ. स. १७५७ साली ईस्ट इंडिया कंपनीने च्या लढाईत विजय मिळवून भारतात ब्रिटिश सत्तेचा पाया घातला.
अ. बक्सार ब. पाणीपत क. प्लासी ड. झाशी
३. इ. स. १७७३ मध्ये ब्रिटिश पार्लमेंटने ईस्ट इंडिया कंपनीच्या कारभारावर नियंत्रण ठेवण्यासाठी हा कायदा पास केला.
अ. पिट्स इंडिया अॅक्ट ब. एलिझाबेथ अॅक्ट क. इंडिया अॅक्ट ड. रेग्युलेटिंग अॅक्ट
४. च्या स्वातंत्र्ययुद्धाच्या निमित्ताने ब्रिटिश पार्लमेंटने कायदा करून ईस्ट इंडिया कंपनीची सत्ता संपुष्टात आणली.
अ. १८५७ ब. १८५८ क. १२१५ ड. १९४७
५. मोर्ले - मिंटो सुधारणा कायदा मध्ये अस्तीत्वात आला.
अ. १९०८ ब. १९०९ क. १९१० ड. १९११
६. १९०९ च्या कायदानुसार केंद्रीय व प्रांतीय विधीमंडळाची सदस्य संख्या १६ वरून एवढी वाढवली.
अ. २० ब. २५ क. ५० ड. ६९
७. च्या सुधारणा कायदाने मुस्लीमांना स्वतंत्र प्रतिनिधित्व दिले गेले.
अ. १९१९ ब. १९०९ क. १९३५ ड. १९४७
८. मॉटेग्यू - चेम्सफोर्ड सुधारणा कायदा मध्ये अस्तीत्वात आला.
अ. १९१९ ब. १९३५ क. १९४२ ड. १९४७
९. प्रांतात द्विदल शासनपध्दतीचा स्विकार च्या सुधारणा कायदाने करण्यात आला.
अ. मोर्ले - मिंटो ब. १९३५ क. १९१९ ड. १९२०
१०. भारतात जबाबदार शासन पध्दती आणि संसदीय लोकशाहीचा प्रयोग सुरू करण्याच्या दृष्टीने ह्या सुधारणा कायद्याचे महत्त्व नाकारता येत नाही.
अ. मॉटेग्यू-चेम्सफोर्ड ब. मोर्ले-मिंटो क. क्रिप्स योजना ड. कॅबिनेट मिशन
११. १९३५ च्या भारत प्रशासन कायद्यात कलमे व परिशिष्टे होती.
अ. ३९५ - १० ब. ३२१ - १९ क. २०५ - ८ ड. २५० - २५

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१२. कायदानुसार भारतात संघराज्य शासनपध्दती सुरू करण्यात आली.
अ. मोर्ले-मिंटो सुधारणा ब. मॉंटॅग्यू-चेम्सफोर्ड सुधारणा
क. कॅबिनेट मिशन योजना ड. १९३५ चा कायदा
१३. मधील क्रिप्स योजनेने युध्द समाप्तीनंतर भारतासाठी घटना निर्माण करण्यासाठी एक घटना समिती बोलवण्यात येईल असे अश्वासन दिले होते.
अ. मार्च १९४५ ब. मार्च १९४७ क. मार्च १९४२ ड. मार्च १९५०
१४. भारतासाठी स्वतंत्र संविधान निर्माण करण्याची मागणी सालच्या अमृतसर राष्ट्रीय काँग्रेसच्या अधिवेशनात झाली होती.
अ. १९१७ ब. १९१८ क. १९१९ ड. १९२०
१५. मार्च १९४२ मधील क्रिप्स योजनेने युध्द समाप्तीनंतर साठी घटना निर्माण करण्यासाठी एक घटना समिती बोलवण्यात येईल असे अश्वासन दिले होते.
अ. भारता ब. पाकिस्तान क. काश्मीर ड. सिंध
१६. मध्ये त्रिमंत्री योजना जाहीर करण्यात आली.
अ. १९४५ ब. १९४६ क. १९४७ ड. १९४८
१७. त्रिमंत्री योजनेला योजना असेही म्हणतात.
अ. क्रिप्स ब. मॉंटॅग्यू क. भारत ड. कॅबिनेट मिशन
१८. १५ मार्च १९४६ रोजी पंतप्रधान यांनी कॉमन्स सभागृहात कॅबिनेट मिशनची घोषणा केली.
अ. सर विंस्टन चर्चिल ब. चॅंबरलेन क. अँटली ड. मॅकमिलन
१९. योजनेनुसार भारतात घटना समिती स्थापन करण्यात आली.
अ. कॅबिनेट मिशन ब. डलहैसी क. लॉर्ड रिपन ड. नेहरू अहवाल
२०. कॅबिनेट मिशन योजनेमध्ये हे भारतमंत्री होते.
अ. लॉर्ड स्टेनली ब. वॉरन हारिंग्टन क. लॉर्ड पॅथिक लॉरेन्स ड. लॉर्ड बेलस्ली
२१. मध्ये घटना समितीच्या सदस्यांची निवडणूक घेण्यात आली.
अ. जानेवारी १९४६ ब. जूलै १९४६ क. जून १९४६ ड. डिसेंबर १९४६
२२. संविधान समितीच्या सदस्यांची निवडणूक ही मार्फत अप्रत्यक्ष पध्दतीने केली गेली.
अ. प्रांतिक विधीमंडळा ब. राजा क. गव्हर्नर ड. भारतमंत्र्या
२३. घटना समितीत एकूण सदस्यसंख्या निश्चित करण्यात आली.
अ. ३८० ब. ३९५ क. ३६५ ड. ३८९
२४. संविधान समितीत देशी संस्थानांचे प्रतिनिधी होते.
अ. ७३ ब. ९३ क. ६५ ड. १०२
२५. संविधान समितीत चीफ कमिशनर प्रांतातील प्रतिनिधी होते.
अ. ५३ ब. ३३ क. ९३ ड. ०४

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२६. संविधान समितीच्या २९२ जागांपैकी जागा काँग्रेसला मिळाल्या होत्या.
अ. २०१ ब. २११ क. २०० ड. २२१
२७. संविधान समितीच्या २९२ जागांपैकी जागा मुस्लीम लिगला मिळाल्या होत्या.
अ. ७३ ब. ४२ क. ४४ ड. २२
२८. वसाहती व मंडलिक संस्थानातील ९३ जागा
अ. सर्व भरल्या ब. निम्या भरल्या क. भरल्या नाहित ड. यापैकी नाही
२९. संविधान समितीत ब्रिटिश भारतातील सदस्य होते.
अ. २९० ब. २९१ क. २९२ ड. २९३
३०. भारत - पाकिस्तान फळणीनंतर संविधानसमितीमध्ये सभासद होते.
अ. २०० ब. २११ क. २५० ड. ३००
३१. रोजी भारतीय स्वातंत्र्याचा कायदा मंजूर करण्यात आला.
अ. १५ ऑगस्ट १९४७ ब. २६ जानेवारी १९५० क. १८ जूलै १९४७ ड. १ ऑगस्ट १९४७
३२. संविधान सभेची पहिली बैठक रोजी झाली.
अ. १० ऑगस्ट १९४७ ब. ९ डिसेंबर १९४६ क. २६ जानेवारी १९४९ ड. २६ जानेवारी १९५०
३३. संविधान सभेच्या पहिल्या बैठिकेचे अध्यक्ष म्हणजे अस्थायी अध्यक्ष होते.
अ. डॉ. आंबेडकर ब. डॉ. राजेंद्र प्रसाद क. पंडित नेहरू ड. डॉ. सच्चिदानंद सिन्हा
३४. संविधान समितीची दुसरी बैठक रोजी भरली.
अ. ९ डिसेंबर १९४६ ब. ११ डिसेंबर १९४६ क. १३ डिसेंबर १९४६ ड. १५ डिसेंबर १९४६
३५. संविधान समितीच्या बैठकित डॉ. राजेंद्र प्रसाद यांची अध्यक्ष म्हणून निवड करण्यात आली.
अ. दुस-या ब. तिस-या क. चौथ्या ड. पाचव्या
३६. संविधान समितीचे स्थायी अध्यक्ष होते.
अ. पंडित नेहरू ब. बी. एन. राव क. डॉ. राजेंद्र प्रसाद ड. लॉर्ड माऊंटबॅटन
३७. ११ डिसेंबर १९४६ रोजी संविधान समितीचे अध्यक्ष होते.
अ. डॉ. आंबेडकर ब. अँटली क. डॉ. जयकर ड. डॉ. राजेंद्र प्रसाद
३८. प्रत्यक्ष संविधान निर्मितीस मध्ये सुरवात झाली.
अ. १५ ऑगस्ट १९४७ ब. २९ ऑगस्ट १९४७ क. २६ जानेवारी १९४७ ड. १ जानेवारी १९४७
३९. संविधानाच्या निर्मितीसाठी एकूण समित्या तयार केल्या होत्या.
अ. ९ ब. १० क. ११ ड. १२
४०. मसुदा किंवा प्रारूप समितीचे अध्यक्ष होते.
अ. बी. एन. राव ब. सच्चिदानंद सिन्हा क. डॉ. आंबेडकर ड. डॉ. राजेंद्र प्रसाद

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४१. मसुदा समितीची स्थापना रोजी झाली.
अ. १९ ऑगस्ट १९४७ ब. १५ ऑगस्ट १९४७ क. १४ ऑगस्ट १९४७ ड. १६ ऑगस्ट १९४७
४२. संविधान सभेच्या एकूण बैठका संपन्न झाल्या.
अ. १० ब. ११ क. १२ ड. १३
४३. संविधान सभेच्या एकूण बैठकांचा कालावधी दिवस एवढा होता.
अ. १६५ ब. २६५ क. ३६५ ड. १५०
४४. संविधान निर्मितीस कालावधी लागला.
अ. १ वर्ष १२ महिने १३ दिवस ब. २ वर्ष ०८ महिने २५ दिवस
क. २ वर्ष १ महिने ११ दिवस ड. २ वर्ष ११ महिने १८ दिवस
४५. रोजी संविधान स्वीकृत करण्यात आले.
अ. २६ जानेवारी १९५० ब. १५ ऑगस्ट १९४७ क. २६ नोव्हेंबर १९४६ ड. १ जानेवारी १९४६
४६. संविधानाच्या उद्देशपत्रिकेचा मसुदा यांनी तयार केला.
अ. पंडित नेहरू ब. बी. एन. राव क. राजेंद्रप्रसाद ड. डॉ. आंबेडकर
४७. संविधान समितीची शेवटची बैठक रोजी झाली.
अ. २६ जानेवारी १९४९ ब. १६ जानेवारी १९५०
क. २४ जानेवारी १९५० ड. २४ जानेवारी १९४९
४८. रोजी संविधानानुसार राज्यकारभार सुरू झाला.
अ. २६ जानेवारी १९५० ब. १५ ऑगस्ट १९४७ क. २६ नोव्हेंबर १९४६ ड. १ जानेवारी १९४६
४९. संविधान समितीचे कायदेशीर सल्लागार होते.
अ. इंग्रज ब. बी. एन. राव क. डॉ. आंबेडकर ड. महात्मा गांधी
५०. सुरवातीला संविधानात परिशिष्टे होती.
अ. ५ ब. ६ क. ७ ड. ८
५१. भारतीय संविधान स्वरूपाचे आहे.
अ. निर्मित ब. अलिखित क. कडक ड. या पैकी नाही
५२. भारतता..... हा शासन प्रकार आहे.
अ. धर्माधिष्ठित ब. साम्राज्यवाद क. लोकशाही ड. धर्मबाह्य
५३. भारताच्या संसदीय लोकशाहीवर च्या संविधानाचा मोठा प्रभाव पडला आहे.
अ. इंग्लंड ब. अमेरिका क. फ्रान्स ड. रशीया

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५४. भारतात लिखित राज्यघटना, घटनेचा सरनामा, मूलभूत अधिकार इत्यादी तरतूदी च्या संविधानातून घेतल्या आहेत.
- अ. पोर्तुगीज ब. कॅनडा क. स्वित्झर्लंड ड. अमेरिका
५५. भारतीय संविधानातील मार्गदर्शक तत्त्वे च्या संविधानाच्या प्रभावातून स्वीकारली आहेत.
- अ. कॅनडा ब. रशीया क. आयर्लंड ड. इंग्लंड
५६. संविधान समितीच्या कामकाजावर रूपये एवढा खर्च झालेला आहे.
- अ. ६३,९६,७२९ ब. ३६,९६,७२९ क. ६३, ६९, २९७ ड. ६३, ९७,२६९
५७. स्वतंत्र भारताचे पहिले गव्हर्नर जनरल हे होते.
- अ. लॉर्ड कॅनिंग ब. लॉर्ड माऊंटबॅटन क. लॉर्ड रिपन ड. लॉर्ड मोर्ले
५८. सोव्हिएट रशीयाच्या प्रभावातून हे वैशिष्ट्य भारतीय संविधानाने स्वीकारले आहे.
- अ. मूलभूत हक्क ब. मार्गदर्शक तत्त्वे क. सरनामा ड. मूलभूत कर्तव्य
५९. उद्येशपत्रिकेमध्ये समाजवादी आणि धर्मनिरपेक्ष हे दोन शब्द सन १९७६ च्या व्या संविधान दुरुस्तीने समाविष्ट करण्यात आले आहेत.
- अ. ४१ ब. ४२ क. ४३ ड. ४४
६०. उद्येशपत्रिकेमध्ये हे दोन शब्द सन १९७६ च्या ४२ व्या संविधान दुरुस्तीने समाविष्ट करण्यात आले आहेत.
- अ. समाजवादी आणि धर्मनिरपेक्ष ब. लोकशाही आणि संधराज्य
क. लोकसभा आणि राज्यसभा ड. राष्ट्रपती आणि पंतप्रधान
६१. उद्येशपत्रिकेमध्ये समाजवादी आणि धर्मनिरपेक्ष हे दोन शब्द सन च्या ४२ व्या संविधान दुरुस्तीने समाविष्ट करण्यात आले आहेत.
- अ. १९७५ ब. १९७६ क. १९७२ ड. १९७८
६२. केशवानंद भारती खटल्याचा निकाल देताना सर्वोच्च न्यायालयाने हा राज्यघटनेचा अविभाज्य भाग असल्याचे म्हटले आहे.
- अ. सरनामा ब. परिशिष्ट क. घटना दुरुस्ती ड. न्यायालयीन निर्णय
६३. संविधान समितीचे तात्पुरते किंवा हंगामी अध्यक्ष होते.
- अ. डॉ. आंबेडकर ब. राजेंद्र प्रसाद क. गांधीजी ड. डॉ. सच्चिदानंद सिन्हा

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६४. खटल्याचा निकाल देताना सर्वोच्च न्यायालयाने उद्येशपत्रिका हा राज्यघटनेचा अविभाज्य भाग असल्याचे म्हटले आहे.
अ. केशवानंद भारती ब. गोलखनाथ क. मद्रास ड. भारत पेट्रोलियम
६५. केशवानंद भारती खटल्याचा निकाल देताना प्रस्तावना हा राज्यघटनेचा अविभाज्य भाग असल्याचे म्हटले आहे.
अ. संसदेने ब. मंत्रिमंडळाने क. सर्वोच्च न्यायालयाने ड. राष्ट्रपतीने
६६. इंग्रज विचारवंत यांनी त्यांच्या Principles of Social and Political Theory या पुस्तकाला भारतीय संविधानाची उद्येशपत्रिका छापली आहे.
अ. श्री. कन्हैयालाल मुन्शी ब. सर अर्नेस्ट बार्कर
क. एम. व्ही. पायली ड. मेकॅले
६७. संविधान तयार करण्यासाठी कालावधी लागला.
अ. १ वर्ष ११ महिने १८ दिवस ब. २ वर्ष १८ महिने ११ दिवस
क. २ वर्ष १ महिना ८ दिवस ड. २ वर्ष ११ महिने १८ दिवस
६८. संविधान समितीच्या एकूण बैठका झाल्या होत्या.
अ. ११ ब. १२ क. १३ ड. १४
६९. संविधान समितीचे एकूण दिवस कामकाज चालले होते.
अ. ३६५ ब. ८०० क. ८६५ ड. १६५
७०. हे संविधान समितीचे सल्लागार होते.
अ. एन. माधवराव ब. अय्यांगर क. बी. एन. राव ड. सादुल्ला
७१. भारतीय संविधानाच्या कलम १ मध्ये संघराज्य (फेडरेशन) या शब्दाऐवजी असा उल्लेख आढळतो.
अ. लोकशाही ब. राज्यांचा संघ क. समाजवाद ड. धर्मनिरपेक्ष
७२. भारतीय संविधानाच्या कलम मध्ये संघराज्य (फेडरेशन) या शब्दाऐवजी राज्यांचा संघ असा उल्लेख आढळतो.
अ. ५ ब. २५ क. ५१ ड. १
७३. भारतीय संविधानाच्या कलम १ मध्ये या शब्दाऐवजी राज्यांचा संघ असा उल्लेख आढळतो.
अ. अर्ध संघराज्य ब. संघराज्य (फेडरेशन)
क. राजेशाही ड. अध्यक्षीय व्यवस्था

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७४. संविधानाच्या कलम १ मध्ये भारताचे नाव इंडिया म्हणजेच असे म्हटले आहे.
अ. हिंदुस्थान ब. आंग्ल क. भारत ड. श्रीलंका
७५. संविधानाच्या कलम मध्ये भारताचे नाव इंडिया म्हणजेच भारत असे म्हटले आहे.
अ. २ ब. १ क. ३ ड. ५
७६. योजने नुसार भारत-पाकिस्तान फाळणी झाली.
अ. कॅबिनेट ब. माउंटबॉटन क. क्रिप्स ड. भारत कायदा
७७. पासून संविधान प्रत्यक्षात लागू झाले.
अ. १५ ऑगस्ट १९४७ ब. १ जानेवारी १९५० क. २६ जानेवारी १९५० ड. या पैकी नाही
७८. इंग्रज विचारवंत सर अर्नेस्ट बार्कर यांनी त्यांच्या या पुस्तकाला भारतीय संविधानाची उद्देशपत्रिका छापली आहे.
अ. **Principles of Social and Political Theory** ब. Politics
क. The Law ड. Prince

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प्रश्न १ ला योग्य पर्याय निवडा.

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लोकसभा आणि राज्यसभा- रचना अधिकार आणि कामे
राष्ट्रपती, उपराष्ट्रपती, पंतप्रधान आणि मंत्रिमंडळ

१. भारतीय संविधानाच्या विभागात संसदेची तरतूद आहे.
अ. पहिल्या ब. दुस-या क. तिस-या ड. पाचव्या
२. भारतीय संविधानाच्या कलमात भारतीय संसदेची तरतूद करण्यात आलेली आहे.
अ. कलम ७९ ते १२२ ब. कलम १२ ते ३५ क. कलम १२३ ते १३५ ड. कलम २५० ते ३५०
३. भारतीय संविधानाच्या कलम ७९ ते १२२ या कलमात तरतूद आहे.
अ. संसद ब. उच्च न्यायालय क. सर्वोच्च न्यायालय ड. मुख्यमंत्री
४. भारताने गृहात्मक कायदेमंडळ पध्दती स्विकारलेली आहे.
अ. एक ब. द्वि क. त्री ड. चार
५. भारतीय संविधानाच्या... .. कलमात संसद सदस्यांना विशेषाधिकारांची तरतूद केलेली आहे.
अ. १०५ ब. १५५ क. २०५ ड. ३९५
६. केंद्रीय कायदेमंडळामध्ये राष्ट्रपती, राज्यसभा आणि या तीन घटकांचा समावेश असतो.
अ. राज्यपाल ब. न्यायाधीश क. लोकसभा ड. पंतप्रधान
७. लोकसभा हे संसदेचे सभागृह आहे.
अ. कनिष्ठ आणि प्रथम ब. वरिष्ठ आणि द्वितीय क. आदर्श ड. कामाचे
८. हे संसदेचे कनिष्ठ आणि प्रथम सभागृह आहे.
अ. राज्यसभा ब. ग्रामपंचायत क. पंचायत समिती ड. लोकसभा
९. संविधानाच्या व्या कलमात लोकसभेची सदस्य संख्या निश्चीत केलेली आहे.
अ. ७९ ब. ८० क. ८१ ड. ८२
१०. लोकसभेतील सदस्य हे चे प्रतिनिधीत्व करतात.
अ. लोकांचे ब. खासदारांचे क. आमदारांचे ड. राज्यांचे
११. संविधानाच्या ८१ व्या कलमान्वये लोकसभेची सदस्य संख्या एवढी निश्चीत केलेली आहे.
अ. ५५० ब. २५० क. ५३० ड. ५५२

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१२. लोकसभेतील सदस्य घटक राज्यांतील मतदारसंघातून प्रत्यक्ष निवडणुकीद्वारे निवडले जातात.

अ. ५३० ब. ५४० क. ५५० ड. २०

१३. केंद्रशासित प्रदेशांतून लोकसभेत सदस्य निवडले जातात.

अ. १० ब. २० क. ३० ड. ४०

१४. लोकसभेत एस. सी. व एस. टी. साठी जागा राखीव ठेवण्यात आल्या आहेत.

अ. ११५ ब. ११६ क. ११७ ड. ११८

१५. महाराष्ट्रातून लोकसभेमध्ये सदस्य निवडून जातात.

अ. ४७ ब. ४८ क. ४९ ड. १२

१६. लोकसभा सभागृहाचा कालावधी वर्ष आहे.

अ. २ ब. ४ क. ५ ड. स्थायी

१७. लोकसभा सदस्याचा कार्यकाल वर्ष आहे.

अ. ५ ब. २ क. स्थायी ड. ६

१८. लोकसभेच्या अध्यक्षास असे म्हणतात.

अ. चेअरमन ब. सभापती क. अध्यक्ष ड. उपराष्ट्रपती

१९. उत्तरप्रदेश मधून सर्वाधिक म्हणजे सदस्य लोकसभेत निवडून जातात.

अ. ८० ब. ८१ क. ८२ ड. ८३

२०. सध्या सतराव्या लोकसभेचे सभापती हे आहेत.

अ. सुषमा स्वराज ब. ओम बिरा क. राजनाथ सिंह ड. अमित शहा

२१. लोकसभेच्या सभापतीस देण्याचा अधिकार असतो.

अ. निर्णायक मत ब. शेवटचे मत क. पहिले मत ड. दुसरे मत

२२. लोकसभेचे कामकाज सुरू करण्यापूर्वी सदस्य (गणसंख्या) सभागृहात असावे लागतात.

अ. १/५ ब. १ क. १/१० ड. २/५

२३. लोकसभेत किमन सदस्य हजर असल्याशिवाय कामकाजास सुरूवात करता येत नाही.

अ. २५ ब. ५५ क. १०० ड. २५०

२४. धन विधेयक प्रथम सभागृहात मांडले जाते.

अ. लोकसभा ब. विधानसभा क. विधानपरिषद ड. राज्यसभा

२५. अर्थ विधेयक सर्वप्रथम सभागृहात सादर केले जाते.

अ. राज्यसभा ब. वरीष्ठ क. लोकसभा ड. दरबारात

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२६. अंदाजपत्रक मंजूर करण्याचा अधिकार आहे.

अ. लोकसभेला ब. जनतेला क. राज्यसभेला ड. राष्ट्रपतीला

२७. धन विधेयक लोकसभेने मंजूर केल्यानंतर राज्यसभा त्या विधेयकाला दिवसात मंजूर किंवा नामंजूर करू शकते.

अ. २ ब. ५ क. ७ ड. १४

२८. अँग्लो इंडियन जमातींना लोकसभेत योग्य प्रतिनिधित्व मिळाले नसेल तर त्यांचे सभासद नियुक्त करण्याचा अधिकार राष्ट्रपतींना देण्यात आलेला आहे.

अ. १ ब. २ क. ३ ड. ४

२९. अँग्लो इंडियन जमातींना लोकसभेत योग्य प्रतिनिधित्व मिळाले नसेल तर त्यांचे दोन सभासद नियुक्त करण्याचा अधिकार देण्यात आलेला आहे.

अ. न्यायाधिशांना ब. लोकांना क. पंतप्रधान ड. राष्ट्रपतींना

३०. लोकसभेतील सदस्यांची निवड पध्दतीने होते.

अ. प्रौढ व गुप्त मतदान ब. एकलसंक्रमणीय क. उघड ड. लोकांच्या मर्जीने

३१. देशात लोकसभेचे एकप्रतिनिधी मतदार संघ निर्माण करण्यात आले आहेत.

अ. २५० ब. ५५२ क. ५५० ड. २०

३२. लोकसभेच्या प्रत्येक मतदार संघातून सदस्य निवडून दिले जातात.

अ. दोन ब. एक क. तीन ड. चार

३३. लोकसभेच्या निवडणुकीत प्रत्येक मतदाराला मत देण्याचा अधिकार आहे.

अ. एक ब. दोन क. तीन ड. चार

३४. लोकसभेची निवडणूक लढवणा-या उमेदवाराचे वय पूर्ण असावे लागते.

अ. १८ ब. २१ क. २५ ड. ३०

३५. यांना वाटल्यास ते लोकसभेची मुदत विशिष्ट परिस्थितीत वाढवू शकतात.

अ. सरन्यायाधिश ब. उपराष्ट्रपती क. खासदार ड. राष्ट्रपती

३६. एखादा सदस्य लोकसभेच्या कामकाजाला सलग दिवस गैरहजर राहिल्यास त्याचे सदस्यत्व रद्द केले जाते.

अ. ३० ब. ६० क. ४५ ड. ९०

३७. एकावेळी सभागृहाचे सदस्यत्व स्विकारता येते.

अ. एकाच ब. दोनच क. तिनच ड. चारच

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३८. लोकसभेच्या सभापतींची निवड करतात.
अ. राष्ट्रपती ब. लोकसभेचे सदस्य क. उपराष्ट्रपती ड. जनता
३९. लोकसभेच्या सभापती व उपसभापती यांची तरतूद संविधानाच्या कलमात आहे.
अ. १२ ते ३५ ब. ५२ ते ६३ क. ९३ ते ९७ ड. १२२ ते १३८
४०. लोकसभेच्या सभापतींचा कार्यकाल एवढाच असतो.
अ. चार वर्ष ब. पाच वर्ष
क. तीन वर्ष ड. लोकसभेच्या कार्यकाला एवढाच
४१. ने लोकसभेच्या सभापतींवर अविश्वास ठराव पास केला तर त्यांना पदावरून दूर व्हावे लागते.
अ. जनते ब. लोकसभे क. राज्यसभे ड. न्यायालया
४२. सभापतींच्या अविश्वासाच्या ठरावाची लेखी सूचना दिवस आधी लोकसभेला द्यावी लागते.
अ. १४ ब. १५ क. ३० ड. ४५
४३. लोकसभेचे पहिले सभापती हे होते.
अ. एम. ए. अब्दुल गार ब. हुकूमसिंग क. नीलम संजीव रेड्डी ड. जी. व्ही. मावळंकर
४४. सभागृहात शांतता व शिस्त ठेवण्याचे कार्य करावे लागते.
अ. पोलिस ब. लष्कर क. सभापती ड. राष्ट्रपती
४५. अर्थ विधेयक कोणते हे ठरवण्याचा अधिकार आहे.
अ. सभापती ब. उपराष्ट्रपती क. राष्ट्रपती ड. राज्यपाल
४६. राज्यसभा व लोकसभा यांच्या संयुक्त बैठकिचे अध्यक्षस्थान स्वीकारतात.
अ. राष्ट्रपती ब. सरन्यायाधीश क. राज्यपाल ड. सभापती
४७. लोकसभेच्या दोन्ही अधिवेशनांतील विश्रांतीचा काळ महिन्यांपेक्षा जास्त असता कामा नये.
अ. तीन ब. सहा क. चार ड. दोन
४८. यांना आवश्यकता वाटल्यास लोकसभेचे अधिवेशन केव्हाही बोलवू शकतात.
अ. सभापती ब. उपराष्ट्रपती क. राष्ट्रपती ड. सरन्यायाधीश
४९. मंत्रीमंडळ सामुहिकरित्या जबाबदार असते.
अ. लोकांना ब. लोकसभेला क. राष्ट्रपतींना ड. पंतप्रधानांना
५०. राज्यसभा हे संसदेचे सभागृह आहे.
अ. कनिष्ठ ब. प्रथम क. पहिले ड. वरिष्ठ

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५१. भारतीय संविधानाच्या कलमात राज्यसभेची रचना, स्वरूप याविषयी तरतूद केलेली आहे.
अ. ५० ते ६० ब. ६१ ते ७० क. ७९ ते ९२ ड. ९३ ते १०२
५२. राष्ट्रपती राज्यसभेतील सदस्यांची नियुक्ती करू शकतात.
अ. ६ ब. १२ क. २ ड. २०
५३. हे संसदेचे वरिष्ठ आणि द्वितीय सभागृह आहे.
अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद
५४. राज्यसभा सभागृहाचा कालावधी आहे.
अ. कायम ब. दोन वर्षांचा क. सहा वर्षांचा ड. पाच वर्षांचा
५५. राज्यसभेतील सदस्य हे चे प्रतिनिधीत्व करतात.
अ. जनतेचे ब. खासदारांचे क. आमदारांचे ड. राज्यांचे
५६. संविधानाच्या कलम ८० नुसार राज्यसभेत सदस्य असतात.
अ. ५५० ब. ५५२ क. २५० ड. २३८
५७. राज्यसभेतील सदस्य घटकराज्यांच्या विधानसभा सदस्यांतून निवडले जातात.
अ. २३८ ब. ५० क. ५० ड. २५०
५८. राष्ट्रपतीकडून साहित्य, कला, वाङ्मय, समाजसेवा, विज्ञान इत्यादी क्षेत्रातील नामवंत
व्यक्तींची नियुक्ती राज्यसभेत केली जाते.
अ. १५ ब. १२ क. १० ड. २
५९. राज्यसभेत सदस्य राष्ट्रपती मार्फत नियुक्त केले जातात.
अ. ९ ब. १० क. ११ ड. १२
६०. राज्यसभेत १२ सदस्य मार्फत नियुक्त केले जातात.
अ. राज्यपाल ब. राष्ट्रपती क. उपराष्ट्रपती ड. सरन्यायाधीश
६१. महाराष्ट्रातून राज्यसभेवर सदस्य निवडून जातात.
अ. १६ ब. १७ क. १८ ड. १९
६२. राज्यसभा सदस्य होण्यासाठी वयाची वर्षे पूर्ण करण्याची पात्रतेची अट आहे.
अ. २५ ब. ३० क. ३५ ड. २१
६३. राज्यसभा सभागृहाचा कालावधी वर्ष आहे.
अ. २ ब. स्थायी क. ५ ड. ६

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६४. राज्यसभा सभागृहातील १/३ सदस्य दर वर्षांनी निवृत्त होतात आणि त्या जागी तेवढेच नवीन सदस्य नव्याने निवडले जातात.
अ. १ ब. २ क. ३ ड. ४
६५. राज्यसभा सभागृहातील सदस्य दर दोन वर्षांनी निवृत्त होतात.
अ. १/१० ब. १/२ क. १/३ ड. १/५
६६. राज्यसभा सदस्याचा कार्यकाल वर्ष आहे.
अ. स्थायी ब. ५ क. २ ड. ६
६७. राज्यसभेतील सदस्य जनतेकडून प्रत्यक्ष निवडले
अ. जात नाहित ब. जातात क. जाऊ शकतात ड. सांगता येत नाही
६८. राज्यसभेच्या अध्यक्षास असे म्हणतात.
अ. सभापती ब. राष्ट्रपती क. अध्यक्ष ड. सरन्यायाधिश
६९. राज्यसभेचे पदसिद्ध अध्यक्ष असतात.
अ. राष्ट्रपती ब. सभापती क. राज्यपाल ड. उपराष्ट्रपती
७०. उपराष्ट्रपती सभागृहाचे पदसिद्ध अध्यक्ष असतात.
अ. राज्यसभा ब. लोकसभा क. विधानसभा ड. विधानपरिषद
७१. राज्यसभेच्या सभापतीला त्याच्या पदावरून दूर करण्याचा अधिकार आहे.
अ. राज्यसभेस ब. लोकसभेस क. संसदेला ड. राष्ट्रपतीला
७२. राज्यसभेचे कामकाज सुरू करण्यापूर्वी सदस्य (गणसंख्या) सभागृहात असावे लागतात.
अ. १/५ ब. ह क. १/१० ड. २/५
७३. राज्यसभेचे कामकाज सुरू करण्यासाठी राज्यसभेच्या २५० सदस्यापैकी किमान सदस्य सभागृहात हजर असावे लागतात.
अ. २० ब. २५ क. ५५ ड. ६०
७४. विषयक अधिकार सोडले तर लोकसभेच्या बरोबरीने राज्यसभेला कायदेनिर्मितीचे अधिकार देण्यात आलेले आहेत.
अ. प्रशासन ब. महसूल क. पोलिस ड. अर्थ
७५. विधेयके सोडून इतर सर्व प्रकारची विधेयके राज्यसभेत प्रथम मांडता येतात.
अ. अर्थ ब. खाजगी क. सरकारी ड. सार्वजनिक

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७६. राज्यसभा ... बहूमताने ठराव पास करून अखिल भारतीय सेवा निर्माण करण्याची शिफारस करू शकते.
- अ. १/२ ब. २/३ क. १/५ ड. १/१०
७७. भारताच्या राष्ट्रपतीला महाभियोग प्रक्रियेद्वारे पदभ्रष्ट करू शकते.
- अ. जनता ब. विधानसभा क. विधानपरिषद ड. संसद
७८. भारतीय संविधानाच्या कलम ... मध्ये राष्ट्रपती पदाची तरतूद आहे.
- अ. ४९ ब. ५० क. ५१ ड. ५२
७९. राष्ट्रपती पद ... स्वरूपाचे आहे.
- अ. कायम ब. नामधारी क. तात्पुरते ड. हंगामी
८०. कडून महान्यायवादीची नियुक्ती होते.
- अ. पंतप्रधान ब. राष्ट्रपती क. जनता ड. राज्यपाल
८१. राष्ट्रपती पदासाठी राज्यसभेतील ... सदस्य मतदान करू शकत नाहीत.
- अ. नामनिर्देशित ब. निवडून आलेले क. ८ ड. १०
८२. राष्ट्रपती पदासाठी लोकसभा, राज्यसभा व ... हे निर्वाचित सदस्य मतदान करू शकतात.
- अ. विधानपरिषद ब. ग्रामपंचायत सदस्य क. जिल्हा परिषद सदस्य ड. विधानसभा सदस्य
८३. राष्ट्रपती आपल्या पदाचा राजीनामा ... यांच्या कडे देतात.
- अ. गव्हर्नर ब. उपराष्ट्रपती क. सरन्यायाधीश ड. निर्वाचण आयुक्त
८४. संसदेचे अधिवेशन बोलविण्याचा अधिकार ... यांना आहे.
- अ. राष्ट्रपती ब. सभापती क. अध्यक्ष ड. खासदार
८५. राष्ट्रपतीने काढलेल्या वटहुकूमास संसदेने ... आठवड्याच्या आत मंजूरी देणे बंधनकारक आहे.
- अ. ३ ब. ४ क. ५ ड. ६
८६. भारतीय संविधानाच्या ... कलमाने राष्ट्रीय आणीबाणी लागू होते.
- अ. ६५० ब. ३५२ क. ३५४ ड. ३५८
८७. ... यांनी काढलेल्या वटहुकूमास संसदेने सहा आठवड्यांच्या आत मंजूरी देणे बंधनकारक आहे.
- अ. न्यायालय ब. पंतप्रधान क. राष्ट्रपती ड. जनता
८८. भारतीय संविधानाच्या ... भागात राष्ट्रपती पदासंबंधीची तरतूद आहे.
- अ. पहिल्या ब. दुस-य क. चौथ्या ड. पाचव्या

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८९. भारतीय संविधानाच्या कलमामध्ये राष्ट्रपती पदासंबंधीची तरतूद आहे.
अ. ७९ ते ९२ ब. १२ ते ३५ क. ५२ ते ६२ ड. ६३ ते १२०
९०. कलम ५२ मध्ये भारताला राष्ट्रपती असेल असे म्हणले आहे.
अ. एकच ब. दोनच क. तिनच ड. चारच
९१. हा भारताचा कार्यकारी प्रमुख आहे.
अ. पंतप्रधान ब. मंत्रीमंडळ क. राज्यपाल ड. राष्ट्रपती
९२. भारताच्या राष्ट्रपतीपदाचे वैशिष्ट्य असे की, ते तंतोतंत नाममात्र राजपदाप्रमाणे नाही.
अ. इंग्लंडच्या ब. फ्रान्सच्या क. जर्मनीच्या ड. स्वित्झर्लंडच्या
९३. हा भारताचा प्रथम नागरीक आहे.
अ. पंतप्रधान ब. नायबराज्यपाल क. राष्ट्रपती ड. सरन्यायाधीश
९४. राष्ट्रपती पदाची निवडणूक लढवणा-या व्यक्तीची वयाची वर्षे पूर्ण झालेली असली पाहिजे.
अ. २५ ब. ३५ क. ३० ड. ६०
९५. राष्ट्रपती पदाची निवडणूक लढवणारी व्यक्ती सदस्य म्हणून निवडून येण्यास पात्र असावी लागते.
अ. लोकसभेचा ब. विधानसभेचा क. राज्यसभेचा ड. विधानपरिषदेचा
९६. राष्ट्रपती पदाची निवडणूक लढवणा-या उमेदवारास निवडून यावयास आवश्यक असणा-या मतांच्या मते मिळाली नाही तर त्याची अनामत रक्कम जप्त केली जाते.
अ. १/२ ब. १/३ क. १/६ ड. १/१०
९७. राष्ट्रपती पदाची निवडणूक लढवणा-या व्यक्तीला निर्वाचन मंडळातील सदस्यांनी अनुमोदक व सुचक म्हणून मान्यता द्यावी लागते.
अ. १० ब. २० क. ३० ड. ५०
९८. भारताच्या राष्ट्रपती पदाची निवडणूक पध्दतीने होते.
अ. अप्रत्यक्ष ब. प्रत्यक्ष क. उघड ड. यापैकी नाही
९९. राष्ट्रपतीच्या निवडणुकीसाठी एक मंडळ निर्माण करण्यात येते.
अ. संघ ब. निर्वाचन क. गण ड. गट
१००. सदस्यांना राष्ट्रपतीच्या निवडणुकित मतदान करता येत नाही.
अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद

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१०१. राज्यसभा व लोकसभा सभागृहातील सदस्यांना राष्ट्रपतीच्या निवडणुकीत मतदानाचा अधिकार दिलेला नाही.
- अ. निर्वाचित ब. हुशार क. नियुक्त ड. गैरहजर
१०२. राष्ट्रपतीच्या निवडणुकीसाठी मतदान पध्दती स्वीकारलेली आहे.
- अ. प्रत्यक्ष ब. स्पष्ट क. मताधिक्य ड. प्रमाणशीर क्रमदेय
१०३. हे भारताचे पहिले राष्ट्रपती होते.
- अ. डॉ. राधाकृष्णन ब. डॉ. झाकीर हुसेन क. व्ही. व्ही. गिरी ड. डॉ. राजेंद्रप्रसाद
१०४. सध्या (२०२२) हे राष्ट्रपती आहेत.
- अ. द्रोपदी मुर्मू ब. व्यंकय्या नायडू क. प्रणव मुखर्जी ड. रामनाथ कोविंद
१०५. संविधानाच्या कलम ५६ मध्ये राष्ट्रपती पदाची मुदत वर्ष देण्यात आली आहे.
- अ. तीन ब. चार क. पाच ड. सहा
१०६. राष्ट्रपती आपल्या पदाचा राजिनामा यांच्या कडे देतात.
- अ. पंतप्रधान ब. उपराष्ट्रपती क. उपराज्यपाल ड. सरन्यायाधीश
१०७. राष्ट्रपतीपदावर असणारी व्यक्ती वेळ निवडणूक लढवू शकते.
- अ. दोन ब. एक क. तीन ड. चार
१०८. राष्ट्रपतींना त्यांच्या पदावरून दूर करण्याच्या प्रक्रियेला म्हणतात.
- अ. भ्रष्टाचार ब. गैरवर्तन क. अविश्वास ड. महाभियोग
१०९. महाभियोग खटल्याची सूचना सभागृहातील सदस्यांनी कमित कमी चौदा दिवस आधी द्यावी.
- अ. १/२ ब. १/४ क. १/१० ड. १/३
११०. राष्ट्रपतींवरील महाभियोगाचा ठराव सभागृहाच्या बहुमताने पास झाला पाहिजे.
- अ. १/२ ब. १/६ क. २/३ ड. १/५
१११. भारतीय संविधानाच्या कलमानुसार राष्ट्रपतीला विशेषाधिकार देण्यात आलेला आहे.
- अ. ३६१ ब. ३६२ क. ३६३ ड. ३६४
११२. राष्ट्रपतींवर कोणताही दिवाणी व फौजदारी खटला भरता
- अ. येतो ब. येत नाही क. सांगता येत नाही ड. यापैकी नाही
११३. राष्ट्रपतीला अटक करण्यासाठी किंवा कैदेत टाकण्यासंबंधीचा आदेश न्यायालय काढू शकत नाही.
- अ. दिवाणी ब. महसूली क. फौजदारी ड. कोणतेही

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११४. पंतप्रधानाची नेमणूक करतात व पंतप्रधानाच्या सल्ल्याने मंत्रिमंडळाची नेमणूक होते.
अ. राज्यपाल **ब. राष्ट्रपती** क. सरन्यायाधीश ड. पक्षप्रमुख
११५. केंद्रीय लोकसेवा आयोगाचे अध्यक्ष व सभासद, राज्यपाल, नायब राज्यपाल, परराष्ट्रात पाठवायचे राजदूत व प्रतिनिधी, मुख्य निवडणूक आयुक्त यांच्या नेमणुका करतात
अ. लोकसेवा आयोग ब. राज्य सेवा आयोग क. राज्यपाल **ड. राष्ट्रपती**
११६. राष्ट्रपती संसदेच्या सभागृहाचे सदस्य नसतात.
अ. कोणत्याही ब. लोकसभा क. राज्यसभा ड. विधानमंडळ
११७. हे तिन्ही सैन्यदलांचे प्रमुख असतात.
अ. गव्हर्नर ब. व्हाईसरॉय **क. राष्ट्रपती** ड. लष्कर प्रमुख
११८. लोकसभा बरखास्त करण्याचा अधिकार आहे.
अ. पंतप्रधान **ब. राष्ट्रपती** क. मंत्रीमंडळ ड. जनता
११९. लोकसभा व राज्यसभा या दोन्ही सभागृहांचे संयुक्त अधिवेशन बोलवण्याचा अधिकार ... यांना आहे.
अ. खासदार ब. आमदार क. कॅबिनेट मंत्री **ड. राष्ट्रपती**
१२०. सार्वत्रिक निवडणुकिनंतर तसेच प्रत्येक वर्षाच्या सुरवातीला संसदेपुढे अभिभाषण करतात.
अ. राष्ट्रपती ब. अध्यक्ष क. सभापती ड. सभासद
१२१. संसदेने संमत केलेल्या प्रत्येक विधेयकाला संमती घ्यावी लागते.
अ. सभासदांची ब. पंतप्रधानांची **क. राष्ट्रपतींची** ड. लोकांची
१२२. सर्वसाधारण विधेयक नाकारण्याचा अधिकार राष्ट्रपतींना दिलेला आहे.
अ. अमर्यादित **ब. मर्यादित** क. अधिक ड. यापैकी नाही
१२३. विधेयक नाकारण्याचा अधिकार राष्ट्रपतींना नाही.
अ. धन ब. सर्वसाधारण क. खाजगी ड. सरकारी
१२४. भारतीय संविधानाच्या कलमाने राष्ट्रपतीला वटहुकूम काढण्याचा अधिकार दिलेला आहे.
अ. १२२ **ब. १२३** क. १२४ ड. १२५
१२५. संसदेने मंजूर केलेल्या वटहुकूमाचे रूपांतर होते.
अ. विधेयकात ब. अधिकारात क. कर्तव्यात **ड. कायद्यात**
१२६. वटहुकूम परत घेण्याचा किंवा रद्द करण्याचा अधिकार आहे.
अ. संसदेला ब. उपराष्ट्रपतींना **क. राष्ट्रपतींना** ड. पंतप्रधानांना

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१२७. ... यांची पूर्व संमती घेतल्या शिवाय अर्थ विधेयक संसदेसमोर मांडता येत नाही.
- अ. राष्ट्रपती ब. अर्थमंत्री क. अर्थराज्यमंत्री ड. अर्थसचीव
१२८. संचित निधीवर ... यांचे नियंत्रण असते.
- अ. अर्थखाते ब. राष्ट्रपती क. अर्थमंत्री ड. प्रधानमंत्री
१२९. दर पाच वर्षांनी ... वित्त आयोगाची नेमणूक करतात.
- अ. संसद ब. वित्त विभाग क. राष्ट्रपती ड. नियोजन आयोग
१३०. एखाद्या व्यक्तीची प्राणदंडाची किंवा इतर कोणत्याही गंभीर स्वरूपाची शिक्षा माफ किंवा शिक्षेत सुट देण्याचा अधिकार ... यांना आहे.
- अ. संसद ब. सरन्यायाधीश क. नायबराज्यपाल ड. राष्ट्रपती
१३१. भारतीय संविधानाच्या ... कलमाने घटकराज्यात आणीबाणी लागू होते.
- अ. ६५० ब. ३५६ क. ३६५ ड. ३९८
१३२. संविधानाच्या ... व्या विभागात आणीबाणीची तरतूद आहे.
- अ. १७ ब. १८ क. १९ ड. २०
१३३. बाह्य आक्रमण, युद्ध किंवा अंतर्गत अशांतता यामुळे राज्याच्या सुरक्षिततेला धोका उत्पन्न झाल्यास भारतीय संविधानाच्या ... कलमाने राष्ट्रपती आणीबाणी घोषित करू शकतात.
- अ. ३५० ब. ३५२ क. ३५६ ड. ३५८
१३४. आणीबाणीच्या काळात ... नागरिकांच्या मूलभूत हक्कांची अंमतबाजवणी संपूर्ण देशात अगर देशाच्या काही भागात तहकूब ठेवू शकतात.
- अ. पंतप्रधान ब. सरन्यायाधीश क. राष्ट्रपती ड. यापैकी नाही
१३५. राष्ट्रपती डॉ. राधाकृष्णन यांनी सन १९६२ साली ... युद्धाच्या वेळी आणीबाणीची घोषणा जाहिर केली होती.
- अ. भारत-पाकिस्तान ब. भारत-बांगलादेश क. भारत-इंग्लंड ड. भारत-चीन
१३६. सन १९७१ साली बांगला देशाच्या युद्धाच्या वेळी राष्ट्रपती ... यांनी आणीबाणी घोषित केली होती.
- अ. डॉ. राधाकृष्णन ब. फक्रुद्दिन अली अहमद क. व्ही. व्ही. गीरी ड. राजेंद्रप्रसाद
१३७. ... घटनादुरुस्तीने ३५२ कलमाखाली जाहिर केलेली आणीबाणी संपूर्ण देशाला लागू न करता विशिष्ट प्रदेशापुरती लागू करणे सोईचे झालेले आहे.
- अ. ४१ व्या ब. ४२ व्या क. ४३ व्या ड. ४४ व्या

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१३८. ३५६ व्या कलमाने घटकराज्यात आणीबाणी लागू झाल्यास कादेमंडळाचे कायदेनिर्मितीचे अधिकार राष्ट्रपती देतात.

अ. संसदेकडे ब. उच्चन्यायालयाकडे क. विधानमंडळाकडे ड. राज्यपालाकडे

१३९. संविधानाच्या ३५६ व्या कलमाने सर्वप्रथम मध्ये १९५१ साली आणीबाणी घोषित करण्यात आली.

अ. महाराष्ट्र ब. पंजाब क. जम्मू-काश्मिर ड. कर्नाटक

१४०. भारतीय संविधानाच्या कलमाने आर्थिक आणीबाणी लागू होते.

अ. ३६० ब. ३५२ क. ३५६ ड. ३५८

१४१. भारतात ३६० व्या कलमाने आर्थिक आणीबाणी

अ. दोन वेळा लागू झाली. ब. एक वेळा लागू झाली.
क. तीन वेळा लागू झाली. ड. एकदाही लागू झाली नाही.

१४२. राष्ट्रपती यांचा सल्ला विचारात घेवून निर्णय घेत असतात.

अ. उपराष्ट्रपती ब. संसद क. पंतप्रधान ड. सरन्यायाधीश

१४३. यांच्या सल्ल्याने काम करणे राष्ट्रपतींवर बंधनकारक असते.

अ. सरन्यायाधीश ब. जनता क. पंतप्रधान व मंत्रीमंडळ ड. लोकायुक्त

१४४. भारतीय संविधानाच्या कलम ६३ नुसार भारताला उपराष्ट्रपती असेल असे म्हणले आहे.

अ. चार ब. तीन क. दोन ड. एक

१४५. उपराष्ट्रपती पदाची निवडणूक लढवण्यासाठी वयाची वर्षे पूर्ण असावी लागतात.

अ. २५ ब. ३० क. ३५ ड. ६०

१४६. उपराष्ट्रपती पदाची निवडणूक लढवणा-या उमेदवाराला सदस्यांनी अनुमोदन द्यावे लागते.

अ. १० ब. २० क. ३० ड. ४०

१४७. उपराष्ट्रपती पदाची निवडणूक पध्दतीने होत असते.

अ. प्रत्यक्ष ब. गुप्त व क्रमदेय क. चिड्डी टाकूण ड. हात वर करून

१४८. उपराष्ट्रपतींचा कार्यकाल वर्ष आहे.

अ. २ ब. ४ क. ५ ड. ६

१४९. राज्यसभेतील सर्व विधेयके यांच्या सहीने संमत होतात.

अ. उपराष्ट्रपती ब. राष्ट्रपती क. पंतप्रधान ड. राज्यपाल

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१५०. सध्या (२०२१)... .. हे उपराष्ट्रपती आहेत.

अ. एम. व्यंकय्या नायडू ब. के. आर. नारायण क. कृष्णकांत ड. शेखावत

१५१. सध्या (२०२३)... .. साली हे उपराष्ट्रपती आहेत.

अ. श्री.कृष्णकांत ब. श्री. भैरो सिंह शेखावत
क. श्री. मो. हमीद अन्सारी ड. श्री. जगदीप धनखड

१५२. राष्ट्रपती व उपराष्ट्रपती यांच्या गैरहजेरीत हे राष्ट्रपती पदावर तात्पुरते काम करू शकतात.

अ. पंतप्रधान ब. सरन्यायाधिश क. राज्यपाल ड. नायब राज्यपाल

१५३. भारताच्या उपराष्ट्रपती या गृहाचा पदसिध्द अध्यक्ष असतो.

अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद

१५४. उपराष्ट्रपती पदासाठी लोकसभा व या सभागृहातील सदस्य मतदान करू शकतात.

अ. पंचायतसमिती ब. महानगरपालिका क. राज्यसभा ड. नगरपंचायत

१५५. संविधानाच्या कलमात पंतप्रधान या पदाविषयी तरतूद आहे.

अ. ७४ ब. ७५ क. ७६ ड. ७७

१५६. संसदेच्या कनिष्ठ सभागृहात म्हणजेच लोकसभेत ज्या पक्षाल बहुमत प्राप्त होते त्या पक्षाचा नेता
... .. बनतो.

अ. पक्षाचा नेता ब. राष्ट्रपती क. मुख्यमंत्री ड. पंतप्रधान

१५७. पंतप्रधान हे प्रमुख असतात.

अ. नामधारी ब. वास्तविक क. खरे ड. काल्पनिक

१५८. सध्या (२०२२) श्री. नरेंद्र मोदी हे वे पंतप्रधान म्हणून कार्यरत आहेत.

अ. १० ब. १२ क. १५ ड. १९

१५९. पंतप्रधान हा समानातील प्रमुख असतो असे यांनी म्हटले आहे.

अ. राष्ट्रपती ब. लॉर्ड मोर्ले क. नरेंद्र मोदी ड. उपराष्ट्रपती

१६०. यांनी पंतप्रधानाला ग्रहमालेतील सूर्य असे म्हटले आहे.

अ. अमित शहा ब. रामनाथ कोविंद क. डॉ. जेनिंग ड. राजनाथ सिंह

१६१. पंतप्रधान आपल्या सामुदायिकरित्या लोकसभेला जबाबदार राहता

अ. सर्व मंत्र्यांसह ब. सर्व कुटुंबांसह क. सर्व पक्षांसह ड. सर्व खासदारांसह

१६२. लोकसभेचा विश्वास असेपर्यंत अधिकारपदावर राहून कार्य करू शकते.

अ. सचीव ब. खासदार क. राष्ट्रपती ड. मंत्रिमंडळ

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१६३. लोकसभेत मंत्रिमंडळाविरूद्ध अविश्वासाचा ठराव मंजूर झाला तर पंतप्रधानाला आपल्या मंत्रिमंडळाचा द्यावा लागतो.
- अ. बोनस ब. पत्ता क. राजिनामा ड. विश्वास
१६४. केंद्रीय मंत्रिमंडळाची तरतुद संविधानाच्या कलमात आहे.
- अ. ७३ ब. ७४ क. ७५ ड. ७६
१६५. मंत्र्यांच्या नेमणूका करण्याचे पूर्ण स्वातंत्र्य आहे.
- अ. पंतप्रधानाला ब. राष्ट्रपतीला क. पक्षाध्यक्ष ड. उपराष्ट्रपती
१६६. पंतप्रधान आपल्या सर्व मंत्र्यांसह सामुहिकरित्या जबाबदार राहतो.
- अ. लोकांना ब. राज्यसभेला क. लोकसभेला ड. राष्ट्रपतीला
१६७. हा संसदीय कार्याचा केंद्रबिंदू मानला जातो.
- अ. राष्ट्रपती ब. पंतप्रधान क. उपराष्ट्रपती ड. सचीव
१६८. राष्ट्राच्या सार्वभौमत्वाच्या रक्षणाची जबाबदारी यांच्यावर असते.
- अ. राजदूत ब. मंत्री क. सचीव ड. पंतप्रधान
१६९. संसदेतील विधेयके सरकारी असतात त्यांची निर्मिती पंतप्रधान व मंत्रिमंडळ करते.
- अ. ९० टक्के ब. ८० टक्के क. ७० टक्के ड. ६० टक्के
१७०. मंत्रीमंडळात फक्त मंत्र्यांचा समावेश होतो.
- अ. महत्वाच्या ब. कॅबिनेट क. राज्य ड. उप
१७१. मंत्रीमंडळात मंत्री हे प्रथम दर्जाचे मंत्री मानले जातात.
- अ. राज्य ब. उप क. बिनखात्याचे ड. कॅबिनेट
१७२. हे मंत्रिमंडळाचे अध्यक्ष असतात.
- अ. कॅबिनेट मंत्री ब. उपराज्यपाल क. पंतप्रधान ड. नायबराज्यपाल
१७३. मंत्रिमंडळातील हे दुस-या दर्जाचे मंत्री मानले जातात.
- अ. कॅबिनेट मंत्री ब. राज्यमंत्री क. उपमंत्री ड. संसदीय सचीव
१७४. मंत्रिमंडळातील हे तिस-या दर्जाचे मंत्री मानले जातात.
- अ. कॅबिनेट मंत्री ब. राज्यमंत्री क. उपमंत्री ड. संसदीय सचीव
१७५. मंत्र्यांना त्यांच्या कामात मदत करण्यासाठी नियुक्ती केली जाते.
- अ. संसदीय सचीव ब. मंत्री क. खासदार ड. लोकांची

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१७६. मंत्रीपरिषदेमध्ये कॅबिनेट, राज्य व मंत्र्यांचा समावेश होतो.

अ. देश ब. विदेश क. उप ड. मोठ्या

१७७. सदस्य संख्येच्या १५ टक्के इतक्याच संख्येचे मंत्रीपरिषद तयार होते.

अ. लोकसभा ब. राज्यसभा क. विधानसभा ड. विधानपरिषद

१७८. लोकसभा सदस्य संख्येच्या टक्के इतक्याच संख्येचे मंत्रीपरिषद तयार होते.

अ. १० ब. १२ क. १४ ड. १५

१७९. मंत्रीमंडळात प्रकारचे मंत्री असतात.

अ. दोन ब. तीन क. बारा ड. अकरा

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भारतीय नागरिकांचे मूलभूत अधिकार, कर्तव्ये आणि राज्याच्या धोरणाची मार्गदर्शक तत्वे

१. लोकमान्य टिळकांनी मध्ये ब्रिटिश सरकारकडे मूलभूत अधिकारांची मागणी केली होती.
अ. १८८० ब. १८९० क. १८९५ ड. १९००
२. भारतीय संविधानाच्या विभागात भारतीय नागरिकांसाठी मूलभूत अधिकार दिलेले आहेत.
अ. तिस-या ब. पहिल्या क. दुस-या ड. दुस-या
३. व्यक्तीस्वातंत्र्य जोपासण्यासाठी संविधानाच्या कलम मध्ये मूलभूत अधिकार दिले आहेत.
अ. १ ते ४ ब. ५ ते ११ क. १२ ते ३५ ड. ३६ ते ५१
४. भारतीय संविधानाच्या कलम १४ ते १८ मध्ये अधिकार भारतीय नागरीकांना दिला आहे.
अ. धार्मिक ब. समतेचा क. शोषणाविरुद्धचा ड. संपत्तीचा
५. कायद्यापुढे समानता व कायद्याचे समान संरक्षण हे कलम मध्ये स्पष्ट केले आहे.
अ. ११ ब. १२ क. १३ ड. १४
६. भेदभाव नसावा हे तत्त्व संविधानाच्या कलमात आहे.
अ. १५ ब. १६ क. २५ ड. ४५
७. सेवायोजनामध्ये सर्वांना समान संधी हे तत्त्व कलमात आहे.
अ. कलम २६ ब. कलम १६ क. कलम ३३ ड. कलम २३
८. भारतीय संविधानाच्या कलम नुसार अस्पृश्यता पाळणे हा गुन्हा आहे.
अ. १७ ब. १८ क. १९ ड. २०
९. समतेसाठी अस्पृश्यता निवारणाचा कायदा साली संसदेने मंजूर केला.
अ. १९५० ब. १९६० क. १९४७ ड. १९५५
१०. लष्करी व विद्याविषयक पदव्याव्यतिरीक्त इतर पदव्या नदेण्याचे धोरण राज्याने या कलमाने स्विकारले आहे.
अ. कलम १७ ब. कलम १८ क. कलम १९ ड. कलम २०
११. भारतीय राज्यघटनेच्या कलम १९ व २२ मध्ये अधिकार दिलेला आहे.
अ. स्वातंत्र्याचा ब. सांस्कृतिक व शैक्षणिक
क. मालमतेचा ड. घटनात्मक उपाय योजण्याचा

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१२. कलम १९ नुसार भारतीय नागरिकांना स्वातंत्र्य दिली आहेत.
अ. ४ ब. ५ क. ६ ड. ७
१३. भाषण स्वातंत्र्य व इतर संबंधित हक्कांचे संरक्षण कलम नुसार भारतीय संविधानाने केले आहे.
अ. १२ ब. १९ क. २२ ड. २९
१४. अपराधांबद्दलच्या दोषसिद्धीबाबत संरक्षण हा हक्क कलम नुसार मिळाला आहे.
अ. २० ब. २१ क. २२ ड. २३
१५. भारतीय संविधानाच्या कलम २१ नुसार हा मूलभूत अधिकार नागरिकांना मिळाला आहे.
अ. समतेचा अधिकार ब. जीवित व व्यक्तिगत स्वातंत्र्य
क. धार्मिक अधिकार ड. शोषणाविरुद्धचा अधिकार
१६. अटक व स्थानबद्धता या पासून संरक्षण या कलमाने नागरिक करू शकतात.
अ. २० ब. २१ क. २२ ड. २४
१७. भारतीय संविधानाच्या कलम २३ व २४ मध्ये हा अधिकार आहे.
अ. शैक्षणिक ब. शोषणाविरुद्धचा क. संपत्तीचा ड. यापैकी नाही
१८. कलम २३ नुसार मनाई करण्यात आली आहे.
अ. मानसांचा व्यापार व वेठबिगारीस ब. कत्तलकरण्यास
क. संपत्ती जमा करण्यास ड. मतदान करण्यास
१९. कलम २४ नुसार कारखाण्यात यांना काम करण्यास मनाई करण्यात आली आहे.
अ. महिलांना ब. बालकांना क. मजूरांना ड. अल्पसंख्यांकांना
२०. भारतीय राज्यघटनेच्या कलम २५ ते २८ मध्ये स्वातंत्र्याचा अधिकार नागरिकांना दिलेला आहे.
अ. सांस्कृतिक ब. धार्मिक क. शैक्षणिक ड. राजकीय
२१. धर्माचे मुक्त प्रकटीकरण, आचरण व प्रचार करण्याचा अधिकार नागरिकांना नुसार मिळतो.
अ. कर्मा ब. धर्मा क. कलम २५ ड. स्वभावा
२२. कलम २६ नुसार अधिकार नागरिकांना मिळाला आहे.
अ. शिक्षण संस्था स्थापनेचा ब. धर्म विषयक व्यवहारांची व्यवस्था पाहण्याचा
क. संस्कृती जपण्याचा ड. मतदान करण्याचा
२३. धर्माच्या संरक्षणासाठी कर देण्याचे स्वातंत्र्य या भारतीय संविधानाच्या कलमात आहे.
अ. कलम १२ ब. कलम १५ क. २६ ड. २७

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२४. शिक्षण संस्थातील धार्मिक स्वातंत्र्य हा अधिकार ... कलमात आहे.
अ. २८ ब. २९ क. ३० ड. ३१
२५. भारतीय नागरिकांना ... कलमानुसार सांस्कृतिक व शैक्षणिक अधिकार दिले आहेत.
अ. १२ ते ३५ ब. ३६ ते ५१ क. २९ व ३० ड. ३१
२६. अल्पसंख्यांक वर्गाच्या हितसंबंधांचे संरक्षण ... कलमानुसार केले जाते.
अ. २८ ब. २९ क. ३० ड. ३२
२७. अल्पसंख्यांक वर्गातील शिक्षणसंस्था स्थापण्याचा हक्क ... कलमाने दिला आहे.
अ. कलम ३० ब. कलम १५ क. कलम १८ ड. कलम २५
२८. मुळ संविधानातील मालमत्तेचा किंवा संपत्तीचा अधिकार इ.स. १९७८ च्या ... व्या घटनादुरुस्तीने काढून टाकला आहे.
अ. ४० ब. ४१ क. ४२ ड. ४४
२९. मुळ संविधानातील मालमत्तेचा किंवा संपत्तीचा अधिकार इ.स. ... च्या ४४ व्या घटनादुरुस्तीने काढून टाकला आहे.
अ. १९७६ ब. १९७७ क. १९७८ ड. १९७९
३०. मुळ संविधानातील ... अधिकार इ.स. १९७८ च्या ४४ व्या घटनादुरुस्तीने काढून टाकला आहे.
अ. मालमत्तेचा किंवा संपत्तीचा ब. जीविताचा क. व्यवसायाचा ड. नोकरीचा
३१. संविधानाच्या मुळ ... कलमात संपत्तीचा अधिकार होता.
अ. ३१ ब. ३२ क. ३३ ड. ३४
३२. संपत्तीचा अधिकार आता मूलभूत न राहता तो आता ... बनला आहे.
अ. नैतिक ब. कायदेशीर क. आर्थिक ड. सामाजिक
३३. मूलभूत अधिकारांचा संकोच झाल्यास ... संविधानाच्या कलमाने सर्वोच्च न्यायालयात दाद मागता येते.
अ. ३२ ब. २२६ क. ३५८ ड. ३७०
३४. मूलभूत अधिकारांचा संकोच झाल्यास ... संविधानाच्या कलमाने उच्च न्यायालयात दाद मागता येते.
अ. २३ ब. २२६ क. ३२ ड. ३७५
३५. बेकायदेशीर अटक केल्यास ... हा अर्ज न्यायालयात करता येतो.
अ. महादेश ब. अधिकारपृच्छा क. प्राकर्षण ड. बंदी प्रत्यक्षीकरण

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३६. एखादी व्यक्ती, संस्था किंवा सरकारी अधिकारी आपल्या कर्तव्याचे पालन करीत नसेल आणि त्यामुळे एखाद्या व्यक्तीवर अन्याय होत असेल किंवा मूलभूत अधिकारांवर आक्रमण होत असेल तर ती व्यक्ती ... अर्ज न्यायालयाकडे करू शकते.

अ. दोहोपस्थिती **ब. महादेश** क. बंदी हुकूम ड. उत्प्रेषण

३७. एखाद्या खटल्याचा निर्णय घेणे योग्य नसल्यास किंवा कनिष्ठ न्यायालयाला तो अधिकार नसताना चालवला जात असल्यास तो खटला थांबविण्यासाठी ... हा अर्ज न्यायालयाकडे करता येतो.

अ. बंदी हुकूम ब. न्यायालयीन पूर्नर्विलोकन क. महादेश ड. क्वाधिकार

३८. शासकीय किंवा सार्वजनिक पदावर अधिकार नसताना एखादी व्यक्ती ते पद भूषवित असेल तर त्या विरुद्ध व्यक्तीला ... अर्ज करता येतो.

अ. उपप्रेषण ब. बंदी प्रत्यक्षीकरण क. परमादेश **ड. अधिकारपृच्छा**

३९. एखादा खटला कनिष्ठ न्यायालयात चालवण्याचा अधिकार नसताना तो चालवला जात असल्यास त्या विरुद्ध ... हा अर्ज न्यायालयात करता येतो.

अ. उत्प्रेषण ब. क्वाधिकार क. परमादेश ड. बंदी प्रत्यक्षीकरण

४०. भारतीय संविधानाच्या ... विभागात राज्याच्या धोरणाची मार्गदर्शक तत्वे देण्यात आलेली आहेत.

अ. तिस-या **ब. चौथ्या** क. पाचव्या ड. सहाव्या

४१. भारतीय संविधानाच्या ... कलमात राज्याच्या धोरणाची मार्गदर्शक तत्वे आहेत.

अ. ५ ते ११ ब. १२ ते ३५ **क. ३६ ते ५१** ड. ५१ अ

४२. राज्याच्या धोरणाची मार्गदर्शक तत्वे यांना ... सुद्धा म्हणतात.

अ. कलमे **ब. नीतिनिर्देशक तत्वे** क. धोरण ड. कायदा

४३. मार्गदर्शक तत्वांना ... मान्यता नाही.

अ. घटनात्मक ब. मानसिक **क. कायदेशीर** ड. नैतिक

४४. मार्गदर्शक तत्वांना ... संरक्षण नाही.

अ. कायदेशीर ब. कार्यकारी मंडळाचे क. जनतेचे **ड. न्यायालयीन**

४५. स्त्री-पुरुष दोघांना समान कामासाठी समान वेतन हे तत्व मार्गदर्शक तत्वाच्या ... कलमात आहे.

अ. ३९ ब. ४१ क. ४२ ड. ४३ (क)

४६. काम व शिक्षणाबाबत राज्याची मदत हे तत्व ... कलमात आहे.

अ. ४३ ब. ४३ (क) **क. ४१** ड. ४८

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४७. कामाबाबत न्याय, मानवी परिस्थिती, प्रसुतिविषयक सहाय्याची तरतूद कलमात आहे.
अ. ४० ब. ४१ क. ४३ ड. ४२
४८. कामगारांना निर्वाह वेतनाची तरतूद भारतीय संविधानाच्या कलमात आहे.
अ. ४२ ब. ४३ क. ४३ (क) ड. ४८
४९. १४ वर्षा खालील बालकांना मोफत व सक्तीचे शिक्षण देण्याची तरतूद संविधानाच्या कलमात आहे.
अ. १४ ब. २४ क. ४४ ड. ४५
५०. भारतीय संविधानाच्या कलम नुसार ग्रामपंचायती स्थापन करण्याची तरतूद आहे.
अ. ४० ब. ४१ क. ४२ ड. ४३
५१. भारतीय संविधानाच्या कलम ४० नुसार ची स्थापना करण्याची तरतूद आहे.
अ. पंचायत समिती ब. ग्रामसभा क. **ग्रामपंचायत** ड. जिल्हा परिषद
५२. भारतीय नागरीकांसाठी एकरूप नागरी संहितेची तरतूद संविधानाच्या कलमात आहे.
अ. ४४ ब. ५५ क. २२ ड. ६६
५३. समान न्याय व कादयेविषयक मोफत सल्ला हे तत्व संविधानाच्या कलमात आहे.
अ. ४५ ब. ४६ क. ३९ (क) ड.
५४. मार्गदर्शक तत्वे न्यायप्रविष्ट नसतात म्हणजे मूलभूत हक्कांप्रमाणे मार्गदर्शक तत्वांना न्यायालयीन संरक्षण
अ. असते ब. सांगता येत नाही क. कमी असते ड. **नसते**
५५. प्रा. के. टी. शहा यांच्या मते, बँकेच्या सोईनुसार वटविला जाणारा चेक म्हणजे होय.
अ. धनादेश ब. **मार्गदर्शक तत्वे** क. राज्य ड. युध्द
५६. यांच्या मते, बँकेच्या सोईनुसार वटविला जाणारा चेक म्हणजे मार्गदर्शक तत्वे होय.
अ. महात्मा गांधी ब. पंडित नेहरू क. गोखले ड. **प्रा. शहा**
५७. इ.स. १९७६ मध्ये वी घटना दुरुस्ती करून संविधानात मूलभूत कर्तव्ये समाविष्ट केली आहेत.
अ. ४० ब. ४२ क. ४४ ड. ४६
५८. इ. स. १९७६ च्या ४२ व्या घटना दुरुस्तीने संविधानात चा समावेश केला आहे.
अ. लोकशाही ब. राष्ट्रपती पदाचा क. **मूलभूत कर्तव्य** ड. मूलभूत अधिकार

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५९. भारतीय नागरीकांना संविधानाने कर्तव्याचे पालन करण्याची जबाबदारी टाकली आहे.
अ. ३५ ब. १५ क. १० ड. ५
६०. संविधानाच्या या विभागात मूलभूत कर्तव्य आहेत.
अ. ४ क ब. ५ क. ५ क ड. ६ क
६१. संविधानाच्या कलम मध्ये मूलभूत कर्तव्यांचा समावेश आहे.
अ. ४९ ब. ५० क. ५१ ड. ५१ अ
६२. संविधानाच्या कलम ५१ अ मध्ये चा समावेश आहे.
अ. मूलभूत हक्क ब. राष्ट्रपती पद क. मूलभूत कर्तव्य ड. न्यायालय
६३. २००२ च्या व्या घटनादुरुस्तीने ६ ते १४ वर्षे वयोगटातील मुलांना त्याचे आई-वडील त्याला शिक्षण मिळण्याची परिस्थिती निर्माण करतील असे कर्तव्य घातले आहे.
अ. ८६ ब. ८७ क. ८८ ड. ८९
६४. हक्क आणि हे एकाच नाण्याच्या दोन बाजू आहेत.
अ. मार्गदर्शक तत्त्वे ब. संसद क. कर्तव्य ड. न्यायालय
६५. सध्या मूलभूत कर्तव्ये आहेत.
अ. १० ब. ११ क. १२ ड. १३

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प्रश्न १ ला योग्य पर्याय निवडा.

प्रकरण - पहिले

भारतीय संविधानाचे तत्वज्ञान, प्रस्ताविका आणि भारतीय संविधानाची वैशिष्ट्ये

१. इ.स. १६०० साली इंग्लंडची राणी यांनी ब्रिटिश ईस्ट इंडिया कंपनीला हिंदुस्थानात व्यापार करण्याची परवानगी दिली.
अ. पहिली एलिझाबेथ ब. दुसरी एलिझाबेथ क. तिसरी एलिझाबेथ ड. चौथी एलिझाबेथ
२. इ. स. १७५७ साली ईस्ट इंडिया कंपनीने च्या लढाईत विजय मिळवून भारतात ब्रिटिश सत्तेचा पाया घातला.
अ. बक्सार ब. पाणीपत क. प्लासी ड. झाशी
३. इ. स. १७७३ मध्ये ब्रिटिश पार्लमेंटने ईस्ट इंडिया कंपनीच्या कारभारावर नियंत्रण ठेवण्यासाठी हा कायदा पास केला.
अ. पिट्स इंडिया अॅक्ट ब. एलिझाबेथ अॅक्ट क. इंडिया अॅक्ट ड. रेग्युलेटिंग अॅक्ट
४. च्या स्वातंत्र्ययुद्धाच्या निमित्ताने ब्रिटिश पार्लमेंटने कायदा करून ईस्ट इंडिया कंपनीची सत्ता संपुष्टात आणली.
अ. १८५७ ब. १८५८ क. १२१५ ड. १९४७
५. मोर्ले - मिंटो सुधारणा कायदा मध्ये अस्तीत्वात आला.
अ. १९०८ ब. १९०९ क. १९१० ड. १९११
६. १९०९ च्या कायदानुसार केंद्रीय व प्रांतीय विधीमंडळाची सदस्य संख्या १६ वरून एवढी वाढवली.
अ. २० ब. २५ क. ५० ड. ६९
७. च्या सुधारणा कायदाने मुस्लीमांना स्वतंत्र प्रतिनिधित्व दिले गेले.
अ. १९१९ ब. १९०९ क. १९३५ ड. १९४७
८. मॉटेग्यू - चेम्सफोर्ड सुधारणा कायदा मध्ये अस्तीत्वात आला.
अ. १९१९ ब. १९३५ क. १९४२ ड. १९४७
९. प्रांतात द्विदल शासनपध्दतीचा स्विकार च्या सुधारणा कायदाने करण्यात आला.
अ. मोर्ले - मिंटो ब. १९३५ क. १९१९ ड. १९२०
१०. भारतात जबाबदार शासन पध्दती आणि संसदीय लोकशाहीचा प्रयोग सुरू करण्याच्या दृष्टीने ह्या सुधारणा कायद्याचे महत्त्व नाकारता येत नाही.
अ. मॉटेग्यू-चेम्सफोर्ड ब. मोर्ले-मिंटो क. क्रिप्स योजना ड. कॅबिनेट मिशन
११. १९३५ च्या भारत प्रशासन कायद्यात कलमे व परिशिष्टे होती.
अ. ३९५ - १० ब. ३२१ - १९ क. २०५ - ८ ड. २५० - २५

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१२. कायदानुसार भारतात संघराज्य शासनपध्दती सुरू करण्यात आली.
अ. मोर्ले-मिंटो सुधारणा ब. मॉंटेग्यू-चेम्सफोर्ड सुधारणा
क. कॅबिनेट मिशन योजना ड. १९३५ चा कायदा
१३. मधील क्रिप्स योजनेने युध्द समाप्तीनंतर भारतासाठी घटना निर्माण करण्यासाठी एक घटना समिती बोलवण्यात येईल असे अश्वासन दिले होते.
अ. मार्च १९४५ ब. मार्च १९४७ क. मार्च १९४२ ड. मार्च १९५०
१४. भारतासाठी स्वतंत्र संविधान निर्माण करण्याची मागणी सालच्या अमृतसर राष्ट्रीय काँग्रेसच्या अधिवेशनात झाली होती.
अ. १९१७ ब. १९१८ क. १९१९ ड. १९२०
१५. मार्च १९४२ मधील क्रिप्स योजनेने युध्द समाप्तीनंतर साठी घटना निर्माण करण्यासाठी एक घटना समिती बोलवण्यात येईल असे अश्वासन दिले होते.
अ. भारता ब. पाकिस्तान क. काश्मीर ड. सिंध
१६. मध्ये त्रिमंत्री योजना जाहीर करण्यात आली.
अ. १९४५ ब. १९४६ क. १९४७ ड. १९४८
१७. त्रिमंत्री योजनेला योजना असेही म्हणतात.
अ. क्रिप्स ब. मॉंटेग्यू क. भारत ड. कॅबिनेट मिशन
१८. १५ मार्च १९४६ रोजी पंतप्रधान यांनी कॉमन्स सभागृहात कॅबिनेट मिशनची घोषणा केली.
अ. सर विंस्टन चर्चिल ब. चॅंबरलेन क. अँटली ड. मॅकमिलन
१९. योजनेनुसार भारतात घटना समिती स्थापन करण्यात आली.
अ. कॅबिनेट मिशन ब. डलहैसी क. लॉर्ड रिपन ड. नेहरू अहवाल
२०. कॅबिनेट मिशन योजनेमध्ये हे भारतमंत्री होते.
अ. लॉर्ड स्टेनली ब. वॉरन हारिंग्टन क. लॉर्ड पॅथिक लॉरेन्स ड. लॉर्ड बेलस्ली
२१. मध्ये घटना समितीच्या सदस्यांची निवडणूक घेण्यात आली.
अ. जानेवारी १९४६ ब. जूलै १९४६ क. जून १९४६ ड. डिसेंबर १९४६
२२. संविधान समितीच्या सदस्यांची निवडणूक ही मार्फत अप्रत्यक्ष पध्दतीने केली गेली.
अ. प्रांतिक विधीमंडळा ब. राजा क. गव्हर्नर ड. भारतमंत्र्या
२३. घटना समितीत एकूण सदस्यसंख्या निश्चित करण्यात आली.
अ. ३८० ब. ३९५ क. ३६५ ड. ३८९
२४. संविधान समितीत देशी संस्थानांचे प्रतिनिधी होते.
अ. ७३ ब. ९३ क. ६५ ड. १०२
२५. संविधान समितीत चीफ कमिशनर प्रांतातील प्रतिनिधी होते.
अ. ५३ ब. ३३ क. ९३ ड. ०४

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२६. संविधान समितीच्या २९२ जागांपैकी जागा काँग्रेसला मिळाल्या होत्या.
अ. २०१ ब. २११ क. २०० ड. २२१
२७. संविधान समितीच्या २९२ जागांपैकी जागा मुस्लीम लिगला मिळाल्या होत्या.
अ. ७३ ब. ४२ क. ४४ ड. २२
२८. वसाहती व मंडलिक संस्थानातील ९३ जागा
अ. सर्व भरल्या ब. निम्या भरल्या क. भरल्या नाहित ड. यापैकी नाही
२९. संविधान समितीत ब्रिटिश भारतातील सदस्य होते.
अ. २९० ब. २९१ क. २९२ ड. २९३
३०. भारत - पाकिस्तान फळणीनंतर संविधानसमितीमध्ये सभासद होते.
अ. २०० ब. २११ क. २५० ड. ३००
३१. रोजी भारतीय स्वातंत्र्याचा कायदा मंजूर करण्यात आला.
अ. १५ ऑगस्ट १९४७ ब. २६ जानेवारी १९५० क. १८ जूलै १९४७ ड. १ ऑगस्ट १९४७
३२. संविधान सभेची पहिली बैठक रोजी झाली.
अ. १० ऑगस्ट १९४७ ब. ९ डिसेंबर १९४६ क. २६ जानेवारी १९४९ ड. २६ जानेवारी १९५०
३३. संविधान सभेच्या पहिल्या बैठकीचे अध्यक्ष म्हणजे अस्थायी अध्यक्ष होते.
अ. डॉ. आंबेडकर ब. डॉ. राजेंद्र प्रसाद क. पंडित नेहरू ड. डॉ. सच्चिदानंद सिन्हा
३४. संविधान समितीची दुसरी बैठक रोजी भरली.
अ. ९ डिसेंबर १९४६ ब. ११ डिसेंबर १९४६ क. १३ डिसेंबर १९४६ ड. १५ डिसेंबर १९४६
३५. संविधान समितीच्या बैठकित डॉ. राजेंद्र प्रसाद यांची अध्यक्ष म्हणून निवड करण्यात आली.
अ. दुस-या ब. तिस-या क. चौथ्या ड. पाचव्या
३६. संविधान समितीचे स्थायी अध्यक्ष होते.
अ. पंडित नेहरू ब. बी. एन. राव क. डॉ. राजेंद्र प्रसाद ड. लॉर्ड माऊंटबॅटन
३७. ११ डिसेंबर १९४६ रोजी संविधान समितीचे अध्यक्ष होते.
अ. डॉ. आंबेडकर ब. अँटली क. डॉ. जयकर ड. डॉ. राजेंद्र प्रसाद
३८. प्रत्यक्ष संविधान निर्मितीस मध्ये सुरवात झाली.
अ. १५ ऑगस्ट १९४७ ब. २९ ऑगस्ट १९४७
क. २६ जानेवारी १९४७ ड. १ जानेवारी १९४७
३९. संविधानाच्या निर्मितीसाठी एकूण समित्या तयार केल्या होत्या.
अ. ९ ब. १० क. ११ ड. १२
४०. मसुदा किंवा प्रारूप समितीचे अध्यक्ष होते.
अ. बी. एन. राव ब. सच्चिदानंद सिन्हा क. डॉ. आंबेडकर ड. डॉ. राजेंद्र प्रसाद

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४१. मसुदा समितीची स्थापना रोजी झाली.
अ. १९ ऑगस्ट १९४७ ब. १५ ऑगस्ट १९४७ क. १४ ऑगस्ट १९४७ ड. १६ ऑगस्ट १९४७
४२. संविधान सभेच्या एकूण बैठका संपन्न झाल्या.
अ. १० ब. ११ क. १२ ड. १३
४३. संविधान सभेच्या एकूण बैठकांचा कालावधी दिवस एवढा होता.
अ. १६५ ब. २६५ क. ३६५ ड. १५०
४४. संविधान निर्मितीस कालावधी लागला.
अ. १ वर्ष १२ महिने १३ दिवस ब. २ वर्ष ०८ महिने २५ दिवस
क. २ वर्ष १ महिने ११ दिवस ड. २ वर्ष ११ महिने १८ दिवस
४५. रोजी संविधान स्वीकृत करण्यात आले.
अ. २६ जानेवारी १९५० ब. १५ ऑगस्ट १९४७ क. २६ नोव्हेंबर १९४६ ड. १ जानेवारी १९४६
४६. संविधानाच्या उद्देशपत्रिकेचा मसुदा यांनी तयार केला.
अ. पंडित नेहरू ब. बी. एन. राव क. राजेंद्रप्रसाद ड. डॉ. आंबेडकर
४७. संविधान समितीची शेवटची बैठक रोजी झाली.
अ. २६ जानेवारी १९४९ ब. १६ जानेवारी १९५०
क. २४ जानेवारी १९५० ड. २४ जानेवारी १९४९
४८. रोजी संविधानानुसार राज्यकारभार सुरू झाला.
अ. २६ जानेवारी १९५० ब. १५ ऑगस्ट १९४७ क. २६ नोव्हेंबर १९४६ ड. १ जानेवारी १९४६
४९. संविधान समितीचे कायदेशीर सल्लागार होते.
अ. इंग्रज ब. बी. एन. राव क. डॉ. आंबेडकर ड. महात्मा गांधी
५०. सुरवातीला संविधानात परिशिष्टे होती.
अ. ५ ब. ६ क. ७ ड. ८
५१. भारतीय संविधान स्वरूपाचे आहे.
अ. निर्मित ब. अलिखित क. कडक ड. या पैकी नाही
५२. भारतता..... हा शासन प्रकार आहे.
अ. धर्माधिष्ठित ब. साम्राज्यवाद क. लोकशाही ड. धर्मबाह्य
५३. भारताच्या संसदीय लोकशाहीवर च्या संविधानाचा मोठा प्रभाव पडला आहे.
अ. इंग्लंड ब. अमेरिका क. फ्रान्स ड. रशीया

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के.एन.भिसे आर्ट्स, कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज,
विद्यानगर, भोसरे ता. माढा जि. सोलापूर महाराष्ट्र भारत ४१३२०८
मो. नं. ९४२००९३७९२
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प्रा. दत्तात्रय शिवाजी थोरात (राज्यशास्त्र विभाग)
सहाकार महर्षि शंकरराव मोहिते-पाटील महाविद्यालय
नातेपुते, ता. माळशिरस जि. सोलापूर महाराष्ट्र भारत ४१३२०४
मो. नं. ९४२००९३७९३
dsthorat36@gmail.com

५४. भारतात लिखित राज्यघटना, घटनेचा सरनामा, मूलभूत अधिकार इत्यादी तरतूदी च्या संविधानातून घेतल्या आहेत.
- अ. पोर्तुगीज ब. कॅनडा क. स्वित्झर्लंड ड. अमेरिका
५५. भारतीय संविधानातील मार्गदर्शक तत्त्वे च्या संविधानाच्या प्रभावातून स्वीकारली आहेत.
- अ. कॅनडा ब. रशीया क. आयर्लंड ड. इंग्लंड
५६. संविधान समितीच्या कामकाजावर रूपये एवढा खर्च झालेला आहे.
- अ. ६३,९६,७२९ ब. ३६,९६,७२९ क. ६३, ६९, २९७ ड. ६३, ९७,२६९
५७. स्वतंत्र भारताचे पहिले गव्हर्नर जनरल हे होते.
- अ. लॉर्ड कॅनिंग ब. लॉर्ड माऊंटबॅटन क. लॉर्ड रिपन ड. लॉर्ड मोर्ले
५८. सोव्हिएट रशीयाच्या प्रभावातून हे वैशिष्ट्य भारतीय संविधानाने स्वीकारले आहे.
- अ. मूलभूत हक्क ब. मार्गदर्शक तत्त्वे क. सरनामा ड. मूलभूत कर्तव्य
५९. उद्येशपत्रिकेमध्ये समाजवादी आणि धर्मनिरपेक्ष हे दोन शब्द सन १९७६ च्या व्या संविधान दुरुस्तीने समाविष्ट करण्यात आले आहेत.
- अ. ४१ ब. ४२ क. ४३ ड. ४४
६०. उद्येशपत्रिकेमध्ये हे दोन शब्द सन १९७६ च्या ४२ व्या संविधान दुरुस्तीने समाविष्ट करण्यात आले आहेत.
- अ. समाजवादी आणि धर्मनिरपेक्ष ब. लोकशाही आणि संधराज्य
क. लोकसभा आणि राज्यसभा ड. राष्ट्रपती आणि पंतप्रधान
६१. उद्येशपत्रिकेमध्ये समाजवादी आणि धर्मनिरपेक्ष हे दोन शब्द सन च्या ४२ व्या संविधान दुरुस्तीने समाविष्ट करण्यात आले आहेत.
- अ. १९७५ ब. १९७६ क. १९७२ ड. १९७८
६२. केशवानंद भारती खटल्याचा निकाल देताना सर्वोच्च न्यायालयाने हा राज्यघटनेचा अविभाज्य भाग असल्याचे म्हटले आहे.
- अ. सरनामा ब. परिशिष्ट क. घटना दुरुस्ती ड. न्यायालयीन निर्णय
६३. संविधान समितीचे तात्पुरते किंवा हंगामी अध्यक्ष होते.
- अ. डॉ. आंबेडकर ब. राजेंद्र प्रसाद क. गांधीजी ड. डॉ. सच्चिदानंद सिन्हा

पेपर नं १
सत्र - १
भारतीय शासन आणि राजकारण

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मो. नं. ९४२००९३७९३
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६४. खटल्याचा निकाल देताना सर्वोच्च न्यायालयाने उद्येशपत्रिका हा राज्यघटनेचा अविभाज्य भाग असल्याचे म्हटले आहे.
अ. केशवानंद भारती ब. गोलखनाथ क. मद्रास ड. भारत पेट्रोलियम
६५. केशवानंद भारती खटल्याचा निकाल देताना प्रस्तावना हा राज्यघटनेचा अविभाज्य भाग असल्याचे म्हटले आहे.
अ. संसदेने ब. मंत्रिमंडळाने क. सर्वोच्च न्यायालयाने ड. राष्ट्रपतीने
६६. इंग्रज विचारवंत यांनी त्यांच्या Principles of Social and Political Theory या पुस्तकाला भारतीय संविधानाची उद्येशपत्रिका छापली आहे.
अ. श्री. कन्हैयालाल मुन्शी ब. सर अर्नेस्ट बार्कर
क. एम. व्ही. पायली ड. मेकॅले
६७. संविधान तयार करण्यासाठी कालावधी लागला.
अ. १ वर्ष ११ महिने १८ दिवस ब. २ वर्ष १८ महिने ११ दिवस
क. २ वर्ष १ महिना ८ दिवस ड. २ वर्ष ११ महिने १८ दिवस
६८. संविधान समितीच्या एकूण बैठका झाल्या होत्या.
अ. ११ ब. १२ क. १३ ड. १४
६९. संविधान समितीचे एकूण दिवस कामकाज चालले होते.
अ. ३६५ ब. ८०० क. ८६५ ड. १६५
७०. हे संविधान समितीचे सल्लागार होते.
अ. एन. माधवराव ब. अय्यांगर क. बी. एन. राव ड. सादुल्ला
७१. भारतीय संविधानाच्या कलम १ मध्ये संघराज्य (फेडरेशन) या शब्दाऐवजी असा उल्लेख आढळतो.
अ. लोकशाही ब. राज्यांचा संघ क. समाजवाद ड. धर्मनिरपेक्ष
७२. भारतीय संविधानाच्या कलम मध्ये संघराज्य (फेडरेशन) या शब्दाऐवजी राज्यांचा संघ असा उल्लेख आढळतो.
अ. ५ ब. २५ क. ५१ ड. १
७३. भारतीय संविधानाच्या कलम १ मध्ये या शब्दाऐवजी राज्यांचा संघ असा उल्लेख आढळतो.
अ. अर्ध संघराज्य ब. संघराज्य (फेडरेशन)
क. राजेशाही ड. अध्यक्षीय व्यवस्था

पेपर नं १
सत्र - १
भारतीय शासन आणि राजकारण

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७४. संविधानाच्या कलम १ मध्ये भारताचे नाव इंडिया म्हणजेच असे म्हटले आहे.
अ. हिंदुस्थान ब. आंग्ल क. भारत ड. श्रीलंका
७५. संविधानाच्या कलम मध्ये भारताचे नाव इंडिया म्हणजेच भारत असे म्हटले आहे.
अ. २ ब. १ क. ३ ड. ५
७६. योजने नुसार भारत-पाकिस्तान फाळणी झाली.
अ. कॅबिनेट ब. माउंटबॉटन क. क्रिप्स ड. भारत कायदा
७७. पासून संविधान प्रत्यक्षात लागू झाले.
अ. १५ ऑगस्ट १९४७ ब. १ जानेवारी १९५० क. २६ जानेवारी १९५० ड. या पैकी नाही
७८. इंग्रज विचारवंत सर अर्नेस्ट बार्कर यांनी त्यांच्या या पुस्तकाला भारतीय संविधानाची उद्देशपत्रिका छापली आहे.
अ. **Principles of Social and Political Theory** ब. Politics
क. The Law ड. Prince

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of English
(2023-24)**

Prof. Dr Mrs Anupama Prakash Pol
Professor, Head Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare
Date:

Subject: Syllabus Completion Report (2023-24)

Dear Sir/ Madam,

With reference to the above-mentioned subject, I would like to bring to your notice that I have completed the syllabus for semester I/III/V of the following classes allotted to me as per the annual plan for the academic year 2023-24.

Sr. No.	Class	Name of the Paper
1.	B. A. I	English Optional Paper I
2.	B.A. II	Optional English Paper IV
3.	B. A. III	Special English Paper IX
4.	B. A. III	Special English Paper XI
5.	B. A. III	English Compulsory

Thanking you,

Yours sincerely



(Prof. Dr Mrs Anupama Prakash Pol)



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur.

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of English
(2023-24)**

Prof. Dr Mrs Anupama Prakash Pol
Professor, Head Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare
Date:

Subject: Syllabus Completion Report (2023-24)

Dear Sir/ Madam,

With reference to the above-mentioned subject, I would like to bring to your notice that I have completed the syllabus for semester II/IV/VI of the following classes allotted to me as per the annual plan for the academic year 2023-24.

Sr. No.	Class	Name of the Paper
1.	B. A. I	English Optional Paper II
2.	B.A. II	Optional English Paper VI
3.	B. A. III	Special English Paper XIV
4.	B. A. III	Special English Paper XVI
5.	B. A. III	English Compulsory

Thanking you,

Yours sincerely



(Prof. Dr Mrs Anupama Prakash Pol)



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of English
(2023-24)**

Dr Sachin Vaman Londhe
Assistant Professor, Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare
Date:

To,
The Head,
Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare

Subject: Syllabus Completion Report (2023-24)

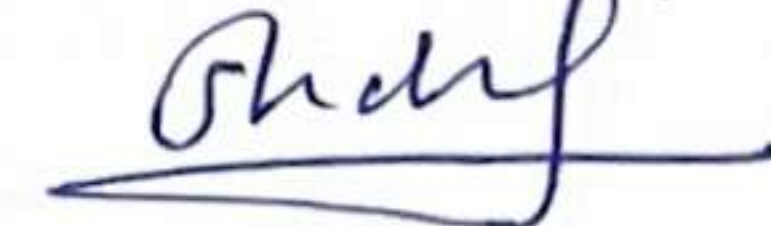
Dear Sir/ Madam,

With reference to the above-mentioned subject, I would like to bring to your notice that I have completed the syllabus for the semester (I/III/V) of the following classes allotted to me as per the annual plan for the academic year ~~2022-23~~ 2023-24

Sr. No.	Class	Name of the Paper
1.	B. A. I	English Compulsory
2.	B.A. II	Optional English Paper III
3.	B. A. III	Special English Paper VII
4.	B. A. III	Special English Paper X
5.	B. Sc. III	English Compulsory

Thanking you,

Yours sincerely



(Dr. Sachin Londhe)



Head, Department of English
KNBAC & VPS College, Bhosare.



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of English
(2023-24)**

Dr Sachin Vaman Londhe
Associate Professor, Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare
Date:

To,
The Head,
Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare

Subject: Syllabus Completion Report (2023-24)

Dear Sir/ Madam,

With reference to the above-mentioned subject, I would like to bring to your notice that I have completed the syllabus for the semester (II/IV/VI) of the following classes allotted to me as per the annual plan for the academic year 2023-24.


Sr. No.	Class	Name of the Paper
1.	B. A. I	English Compulsory
2.	B.A. II	Optional English Paper V
3.	B. A. III	Special English Paper XIII
4.	B. A. III	Special English Paper XV
5.	B. Sc. III	English Compulsory

Thanking you,

Yours sincerely


(Dr. Sachin Londhe)


Head, Department of English
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur.

**Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Department of English
(2023-24)**

Dr. K. T. Dhope
Assistant Professor (CHB), Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare
Date:

To,
The Head,
Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare

Subject: Syllabus Completion Report (2023-24)

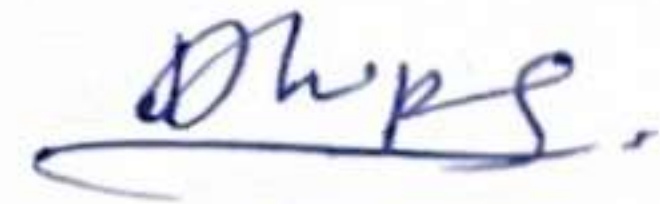
Dear Sir/ Madam,

With reference to the above-mentioned subject, I would like to bring to your notice that I have completed the syllabus for the semester (I/III/V) of the following classes allotted to me as per the annual plan for the academic year 2023-24.


Sr. No.	Class	Name of the Paper
1.	B. A. II	English Compulsory
2.	B.Com. I	English Compulsory
3.	B. Sc. I	English Compulsory

Thanking you,

Yours sincerely


(Dr. K. T. Dhope)


Head, Department of English
KNBAC & VPS College, Bhosare.


I/c. Principal
K.N.Bhise Arts, Commerce &
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Department of English
(2023-24)**

Dr. K. T. Dhope
Assistant Professor (CHB), Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare
Date:

To,
The Head,
Dept. of English,
K. N. Bhise Arts Commerce & Vinayakrao
Patil Science College, Vidyanagar, Bhosare

Subject: Syllabus Completion Report (2023-24)

Dear Sir/ Madam,

With reference to the above-mentioned subject, I would like to bring to your notice that I have completed the syllabus for the semester (II/IV/VI) of the following classes allotted to me as per the annual plan for the academic year 2023-24.

Sr. No.	Class	Name of the Paper
1.	B. A. II	English Compulsory
2.	B.Com. I	English Compulsory
3.	B. Sc. I	English Compulsory

Thanking you,

Yours sincerely


(Dr. K. T. Dhope)



I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur


Head, Department of English
KNBAC & VPS College, Bhosare.

Madha Taluka ShikshanPrasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR, BHOSARE**
NAAC Re-accruedited 'A' Grade
Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

Syllabus Completion Report (2023 – 24)

Name of the teacher : Mr. Akash Madanlal Goyal


Subject : Botany

Title of the paper and No. : Paper No I : Microbiology and Phycology

Class: F.Y.B.Sc

Semester: I

Month	Week	Topics to be Covered	Remarks
July	Week 5	Syllabus discussion and Bridge course	Completed
August	Week 3	Introduction of Microbiology	
	Week 4	Viruses	
	Week 5	Viruses	Completed
September	Week 2	Bacteria	
	Week 3	Mycoplasma	Unit 1 Completed
October	Week 2	Phycology	
	Week 3	Cyanophyta	
	Week 4	Xanthophyta	Completed
November	Week 1	Chlorophyta	
		Phaeophyta	Unit 2 Completed


Teacher


Head


Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka ShikshanPrasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR, BHOSARE**
NAAC Re-accredited 'A' Grade
Paranda Road, Kurduwadi Tal-Madha, Dist-Solapur Pin-413 208 (Maharashtra)

Syllabus Completion Report (2023 – 24)

Name of the teacher : Mr. Akash Madanlal Goyal

Subject : Botany

Title of the paper and No. : Paper- IV: Taxonomy of Angiosperms

Class: F.Y.B.Sc

Semester: II

Month	Week	Topics to be Covered	Remarks
January	Week 1	Unit 1 : Introduction of Taxonomy	
	Week 2	Aims and Principle	
	Week 3	Primitive and advanced characters	
Febraury	Week 1	Types of Classification	
	Week 2	Bentham and Hooker system	Unit 1 Completed
	Week 3	Unit 2 : Identification and Nomenclature	
	Week 4	ICBN	
March	Week 1	Herbarium	
	Week 2	Botanical Gardens	
April	Week 4	Angiosperm Families	Unit 2 Completed


Teacher


Head


Principal
I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur

Madha Taluka ShikshanPrasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR, BHOSARE**
NAAC Re-accredited 'A' Grade
Paranda Road, Kurdarwadi, Tal-Madha, Dist-Solapur Pin-413 208 (Maharashtra)

Syllabus Completion Report (2023 – 24)

Name of the teacher : Mr. Akash Madanlal Goyal


Subject : Botany

Title of the paper and No. : Paper – VI: Plant metabolism


Class: S.Y.B.Sc

Semester: III

Month	Week	Topics to be Covered	Remarks
August	Week 4	Unit 1: Enzymes	
	Week 5	Unit 1: Enzymes	Unit 1 Completed
September	Week 1	Unit 2: Nitrogen metabolism	
	Week 5	Unit 2: Nitrogen metabolism	Unit 2 Completed
October	Week 1	Unit 3: Plant growth regulators	
	Week 5	Unit 3: Plant growth regulators	Unit 3 Completed
November	Week 1	Unit 4: Mineral nutrition	
	Week 2	Unit 4: Mineral nutrition	Unit 4 Completed
	Week 3	Unit 5: Carbohydrate metabolism	
	Week 4	Unit 5: Carbohydrate metabolism	Unit 5 Completed


Teacher


Head


Principal
I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar, Bhosare, Dist-Solapur

Madha Taluka ShikshanPrasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR, BHOSARE**
NAAC Re-accredited 'A' Grade
Paranda Road, Kurduwadi, Tal-Madha, Dist-Solapur Pin-413 208 (Maharashtra)

Syllabus Completion Report (2023 – 24)

Name of the teacher : Mr. Akash Madanlal Goyal

Subject : Botany

Title of the paper and No. : Paper – VII : Plant Physiology

Class: S.Y.B.Sc

Semester: IV

Month	Week	Topics to be Covered	Remarks
January	Week 2	Unit 1: Plant response to light and temperature	
	Week 3	Unit 1: Plant response to light and temperature	
	Week 4	Unit 1: Plant response to light and temperature	Unit 1 Completed
February	Week 2	Unit 2 : Translocation in phloem	
	Week 3	Unit 2 : Translocation in phloem	Unit 2 Completed
	Week 4	Unit 3 : Photosynthesis	
March	Week 2	Unit 3 : Photosynthesis	
	Week 3	Unit 3 : Photosynthesis	Unit 3 Completed
April	Week 1	Unit 04 : Respiration	Unit 4 Completed
	Week 2	Unit 05 : photorespiration	Unit 5 Completed


Teacher


Head


Principal
I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasark Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Prof. Waghmare V.B.
Assistant Professor
Department of Economics,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

To,
Respected Principal,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Subject: Syllabus Complication Report (2023-24)

Respected,


Sir / Madam,

With the reference to the mentioned Subject, I would like to bring to your notice that I have completed the syllabus of following classes allotted to me as per annual plan for the academic year 2021-22.

Sr. No.	Class	Name of the Paper
1.	B.A. I	Indian Economy II
2.	B.A. II	Money Banking and Public Finance
3.	B.A III	Micro Economics
4.	B.A. III	Agricultural Economics

Thanking you,


(Prof. Waghmare V.B.)


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasark Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Dr. Kadam Dattatraya Maruti
Assistant Professor
Department of Economics,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

To,
Principal,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Subject: Syllabus Completion Report (2023-24)

Respected,
Sir / Madam,

With the reference to the mentioned Subject, I would like to bring to your notice that I have completed the syllabus of following classes allotted to me as per annual plan for the academic year 2023-24.

Sr. No.	Class	Name of the Paper
1.	B.A. III	Macro Economics
2.	B.A.II	Demographic Study
3.	B.Com. III	Co-Operative Development

Thanking you,


(Dr. Kadam D. M.)

Copy to -

Head of Department (Economics)


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science Collee
Vidyanagar Bhosare Dist-Solar

Madha Taluka Shikshan Prasark Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Dr. Survase Nilesh A.
Assistant Professor
Department of Economics,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

To,
Principal,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Subject: Syllabus Completion Report (2023-24)

Respected,
Sir / Madam,

With the reference to the mentioned Subject, I would like to bring to your notice that I have completed the syllabus of following classes with workload allotted to me as per annual plan for the academic year 2023-24.

Sr. No.	Class	Name of the Paper
1.	B.A. III	History of Economic Thought
2.	B.Com. I	Business Economics I
3.	B.Com. II	Money & Financial System

Thanking you,

(Dr. Survase Nilesh A.)

Copy to -

Head of Department (Economics)


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur



Madha Taluka Shikshan Prasark Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Dr. Raut Asmita P.
Assistant Professor
Department of Economics,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science
College, Vidyanagar, Bhosare.

To,
Principal,
K. N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Subject: Syllabus Completion Report (2023-24)

Respected,

Sir / Madam,

With the reference to the mentioned Subject, I would like to bring to your notice that I have completed the syllabus of following classes allotted to me as per annual plan for the academic year 2023-24.


Sr. No.	Class	Name of the Paper
1.	B.A. III	Economics of Development
2.	B.Com. II	Business Economics II
3.	B.Com. III	Business Economics III

Thanking you,


(Dr. Raut Asmita P.)

Copy to -

Head of Department (Economics)


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Taluka-Madha, Dist- Solapur

Dr. Ajinkya M More
Department of Physics
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare
Date: 26/03/2024

To,
The Principal,
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Subject: - Syllabus Completion Report (2023-2024)


Dear Sir,

With reference to the above-mentioned subject, I would like to bring to you notice that I have completed the syllabus of the following classes allotted to me as per the annual plan for the academic year (2023-2024)

Sr. No.	Class	Name of the Paper	Practical
1	B.Sc. I	1. Optics and Lasers (Sem-I) Theory	Full Course of one batch
2	B.Sc. I	Optics and Lasers, General Physics (Sem-I & II)	Practical course I & II
3	B.Sc. II	1. Optics (Sem - IV) Theory 2. Modern Physics	Full Course of one batch
4	B.Sc. II	Optics, General Physics	Practical course I & II
5	B.Sc. III	1. Solid State Physics (Sem-V) Theory 2. Material Science (Sem - VI) Theory	Practical course I & II
6	B.Sc. III	General Physics, Optics , Instrumentation, Project	Practical course I III, VI

Thanking You.


I/C. Principal
K. N. Bhise Arts, Commerce & Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist- Solapur


Dr. Ajinkya M More
Head, Department of Physics
KNBAC & VPS College, Bho-

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Mr. Prashant Kamalakar Narkhade
Assistant Professor, Dept. of Commerce
K. N. Bhise Arts and Commerce College,
Kurduwadi
Date: - 30/04/2024

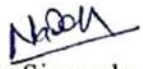
To,
The Principal,
Dept. of Commerce
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Subject: Syllabus Completion Report for A. Y. 2023-24

Dear Sir / Madam,
With reference to the above mentioned subject. I would like to bring to your notice that I have completed the syllabus of the following classes allotted to me as per the annual plan for the Academic Year 2023-24.

Sr. No.	Class	Name of the Paper / Subject
1	B. Com. I	Financial Accounting
2	B. Com. II	Corporate Accounting
3	B. Com. III	Advanced Accountancy Paper - I
4	B. Com. III	Advanced Accountancy Paper - II

Thanking You,


Yours Sincerely,
(Mr. Prashant Kamalakar Narkhade)


I/c. Principal
**K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College**
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Taluka-Madha. Dist- Solapur

Dr. Deshmukh N. D.
Head & Assistant Professor,
Department of Microbiology,
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 25-04-2024

To,
The Principal,
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare


Subject: - Syllabus Completion Report (2023-2024)


Dear Sir/Madam

With Reference to the above-mentioned subject, I would like to bring to you notice that I have completed the 100 Percent syllabus of theory and practical of the following classes allotted to me as per the annual plan for the academic year (2023-2024)

Sr.No.	Class	Semester	Name of the Paper	Percentage of Syllabus Completion	Practical	Percentage of Syllabus Completion
1	B.Sc. I	II	Microbial Physiology	100%		100%
2	B.Sc. II	III	Bacterial Genetics	100%	Practical Course III and IV	100%
3	B.Sc. III	V	Immunology	100%	Practical Course VII	100%
4	B.Sc. III	VI	Microbial Biochemistry	100%	Practical course VII	100%

Thanking You.


Teacher in Charge


Head of the Department
Head, Department of Microbiology
KNRAC & VPS College, Bhosare


Principal
I/c. Principal
**K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur.**

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Taluka-Madha, Dist- Solapur

Mr. Jadhav S. J.
Department of Microbiology
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 25-04-2024

To,
Principal,
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Subject:- Syllabus Completion Report (2023-2024)

Dear Sir/Madam

With Reference to the above mentioned subject, I would like to bring to you notice that I have completed the 100 Percent syllabus of theory and practical the following classes allotted to me as per the annual plan for the academic year (2023-2024)

Sr.No.	Class	Name of the Paper	Percentage of Syllabus Completion	Practical	Percentage of Syllabus Completion
1	B.Sc. I	Microbial Techniques	100%	Practical Course I and II	100%
2	B.Sc. II	Immunology and clinical microbiology	100%	Practical Course III and IV	100%
3	B.Sc. III	Industrial microbiology	100%	Practical Course V	100%
4	B.Sc. III	Clinical Microbiology	100%	Practical course V	100%

Thanking You

Copy to Head,


Teacher in Charge


Head of the Department
Head, Department of Microbiology
KNRAC & VPS College, Bhosare


Principal
I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare
Taluka-Madha, Dist- Solapur

Mr. Jadhav D. B.
Department of Microbiology
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 25-042024

To,
Principal,
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Subject:- Syllabus Completion Report (2023-2024)


Dear Sir/Madam

With Reference to the above mentioned subject, I would like to bring to you notice that I have completed the 100 Percent syllabus of theory and practical the following classes allotted to me as per the annual plan for the academic year (2023-2024)


Sr.No.	Class	Name of the Paper	Percentage of Syllabus Completion	Practical	Percentage of Syllabus Completion
1	B.Sc. I	Fundamentals of Microbiology	100%	Practical Course I and II	100%
2	B.Sc. II	Bacterial Cytology and Physiology	100%	Practical Course III and IV	100%
3	B.Sc. III	Virology	100%	Practical Course V	100%
4	B.Sc. III	Environmental Microbiology	100%	Practical course V	100%

Thanking You

Copy to Head,


Teacher in Charge


Head of the Department
Head, Department of Microbiology
<NRAC & VPS College> Bhosare


Principal
I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts and Commerce College, Kurduwadi

Department of Microbiology

Academic Year 2023-24

Sr. no	Class	Name of the paper	Topic	Idea/ Concept	Cross cutting issue
1	B.Sc -I	Fundamentals of Microbiology	History of development of microbiology	Role of microbes for human welfare	Human Values
		Fundamentals of Microbiology	Diversity of Microbial world	Microbial role in environment ecofriendly	Environment – biodiversity
		Basic techniques in Microbiology	Cultivation techniques of microorganisms	Practical skills of microbial growth	Professional ethics
		Applied Microbiology	Water microbiology Sewage microbiology Milk microbiology Medical microbiology	Use of microbes in the field of food, water and production of antibiotics	Environment issue, Human values, Professional ethics
2	B.Sc. -II	Immunology and Medical Microbiology	Clinical Microbiology Hospital infections and Disposal of Medical Waste	To understand harmful and beneficial role of microbes	Human values and Professional ethics
		Immunology and Medical Microbiology	Microbial diseases	To understand the causes and mode of transmission of diseases	Professional ethics
		Industrial microbiology	Industrially important microorganisms and products		Professional ethics
		Industrial microbiology	Use of waste as a fermentation media	To understand the use of waste for production of good products	Environment issues
		Industrial microbiology	Strain improvement	To understand the different techniques of biotechnology	Professional ethics
		Agricultural Microbiology	Introduction to Soil microbiology	To understand role of microbes in soil fertility.	Environment issues
3	B.Sc -III	Agricultural Microbiology	Element cycle	Role of microbes in recycling and reuse	Environment issues
		Agricultural Microbiology	Composting and Biodegradation	To understand beneficial role of microbes	Environment issues
		Agricultural	Plant pathology	To understand	Environment

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
Taluka- Madha Dist-Solapur

Dr. Nagare Vikas Bhaupatil
Associate Professor,
HOD. Dept. of Geography
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30-04-2024

To,
Respected Principal
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare, Kurduwadi.

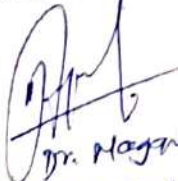
Subject: Syllabus Completion Report (2023-24)

Dear Sir/Madam

With Reference to the above-mentioned subject, I would like to bring to you notice that, I have completed the syllabus of the following classes allotted to me as per the annual and Semester plan for the academic year 2023-24.

Sr. No.	Class	Sem.	Paper No.	Title of the Paper
1	B.A. I (A Div.)	I	1	Geomorphology
2	B.A. I (B Div.)	I	1	Geomorphology
3	B.A. I (A Div.)	II	2	Human Geography
4	B.A. I (B Div.)	II	2	Human Geography
5	B.A. II	III	4	Climatology
6	B.A. II	IV	5	Economic Geography
7	B.A. III	Annual	1	Practical Geography 1
8	B.A. III	Annual	2	Practical Geography 2
9	B.Sc. I	I	01	Geomorphology
10	B.Sc. I	Annual	01	Practical Geography 1A

Thank You


Dr. Nagare Vikas B.

Head. Department of Geography


I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
Taluka- Madha Dist-Solapur

Dr. Wakade Amar Gopal
Assistant Professor,
Dept. of Geography
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30/04/2024

To,
Respected Principal
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare, Kurduwadi.

Subject: Syllabus Completion Report (2023-24)

Dear Sir/Madam

With Reference to the above-mentioned subject, I would like to bring to you notice that, I have completed the syllabus of the following classes allotted to me as per the annual and Semester plan for the academic year 2023-24

Sr. No.	Class	Sem	Paper No	Name of the Paper
1	B.A. I	I	Comp.	S.T.D.
2	B.A. I	II	Comp.	S.T.D.
3	B.A. II	III	IV	Geography of India
4	B.A. II	IV	VI	Environmental Geography
5	B.A. III	V	VII	Regional Planning and Development
6	B.A. III	VI	X	Evolution of Geographical Thought

Thank You




I/c. Principal
**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College**
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
Taluka- Madha Dist-Solapur

Mr. Band Anil Mahadeo
Assistant Professor,
Dept. of Geography
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30/04/2024

To,
Respected Principal
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare, Kurduwadi.

Subject: Syllabus Completion Report (2023-24)


Dear Sir/Madam

With Reference to the above-mentioned subject, I would like to bring to you notice that, I have completed the syllabus of the following classes allotted to me as per the annual and Semester plan for the academic year 2023-24.

Sr. No.	Class	Sem	Paper No	Name of the Paper
1	B.Com. I	I	Comp.	Commercial Geography
2	B.Com. I	II	Comp.	Marketing Geography
3	B.A. III	V	IX	Population Geography
4	B.A. III	VI	XII	Social Geography

Thank You

AMB


I/c.Principal
**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur**

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
Taluka- Madha Dist-Solapur

Dr. Patil Ranjeet Raosaheb
Assistant Professor,
Dept. of Geography
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30/04/2024

To,
Respected Principal
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare, Kurduwadi.

Subject: Syllabus Completion Report (2023-24)

Dear Sir/Madam

With Reference to the above-mentioned subject, I would like to bring to you notice that I have completed the syllabus of the following classes allotted to me as per the annual and Semester plan for the academic year 2023-24.

Sr. No.	Class	Sem	Paper No	Name of the Paper
1	B.Sc. I	I	II	Geomorphology II
2	B.Sc. I	II	III	Human Geography I
3	B.Sc. I	Annual	1B	Cartographic Techniques 1B
4	B.A. II /B.Com. II /B.Sc.II	IV	Comp.	Environmental Studies

Thank You

Patil

Dr. Patil Ranjeet R.

Patil
I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
Taluka- Madha Dist-Solapur

Mrs. Kamble Swati Mahadeo
Assistant Professor,
Dept. of Geography
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30/04/2024

To,
Respected Principal
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare, Kurduwadi.

Subject: Syllabus Completion Report (2023-24)

Dear Sir/Madam

With Reference to the above-mentioned subject, I would like to bring to you notice that, I have completed the syllabus of the following classes allotted to me as per the annual and Semester plan for the academic year 2023-24.

Sr. No.	Class	Sem	Paper No	Name of the Paper
1	B.A. II	III	IDS	Introduction to Tourism Geography
2	B.A. II	IV	IDS	Tourism in India
3	B.A. III	V	VIII	Urban Geography
4	B.A. III	VI	XI	Political Geography

Thank You


I/c.Principal
**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College,
Vidyanagar Bhosare, Dist-Solapur**

Dr. Salunkhe Manisha Namdeo
Assistant Professor Dept. of Hindi
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30-04-2024

To,
Principal
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

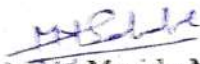

Subject: Syllabus Completion Report (2023-2024)


Respected Sir/Madam

With Reference to the above mentioned subject, I would like to bring to you notice that I have completed the syllabus of the following classes allotted to me as per the annual plan for the academic year 2023-2024.

Sr.No.	Class	Name of the Paper
1	B.A. I	Shabdkalash
2	B.A. II	Madhyaugian Hindi Kavya
3	B.A. III	Vishesh Lekhak-Bhagwandas Morwal
4	B.A. III	Kavya Shasatra /Aalochana
5	B.A. III	Prayojanmulak Hindi/Vyavaharik Hindi
6	B.A. III	Rojagarparak Hindi

Thank You.


Dr. Salunkhe Manisha Namdeo

Asst. Professor, Department of Hindi
K.N.R.A.C. & V.P.S. College, Bhosare


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar, Bhosare

Prof. Rokade Rohidas Pandit [CHB]
Asst Prof ,Department. of Hindi
K. N. Bhise Arts ,commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30-04-2024

To,

Dr. Manisha Namdeo Salunkhe
HOD, Department of Hindi
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Subject: Syllabus Completion Report (2023-2024)

Respected Sir/Madam


With Reference to the above mentioned subject, I would like to bring to you notice that I have completed the syllabus of the following classes allotted to me as per the annual plan for the academic year 2023-2024.

Sr.No.	Class	Name of the Paper
1	B.A.II	Adunik Gadhya
2	B.A. III	Hindi Sahitya ka Etiyhas
3	B.A. III	Bhashavigan

Thank You.


Head, Department of Hindi
K.N.Bhise Arts & VPS College Bhosare

Prof. Rokade Rohidas Pandit [CHB]


I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist. Solapur

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Mr. Shinde Vihar Shivaji
Assistant Professor,
Department of Mathematics
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar, Bhosare
Date: 30/04/2024

To,
Principal,
K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar, Bhosare.

Subject:-Syllabus Completion Report (2023-24)

Dear Sir/Madam

With Reference to the above mentioned subject, I would like to bring to you notice that I have completed the 100% syllabus of the following classes allotted to me as per the annual plan for the academic year 2023-24

Sr. No.	Class	Name of the Paper
1	B.Sc.-I	Paper-I Algebra
2	B.Sc.-I	Paper-II Calculus
3	B.Sc.-I	Paper-III Geometry
4	B.Sc.-I	Paper-IV Differential Equations
5	B.Sc.-I	Numerical Technique Laboratory (NTL-I)
6	B.Sc.-II	Paper-V Differential Calculus
7	B.Sc.-II	Paper-VI Laplace Transforms
8	B.Sc.-II	Paper-VII Differential Equations
9	B.Sc.-II	Paper-VIII Abstract Algebra-I
10	B.Sc.-II	Numerical Technique in Laboratory (NTL-II A & NTL-II B)

Thanking You



(Mr. Shinde V.S.)



I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Taluka- Madha Dist-Solapur

Prof. Pantulwar Ramappa Gangadharappa
Assistant professor, HoD. Dept. of History
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Date: 30-04-2024

To,
Respected Principal
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Subject:- Syllabus Completion Report (2023-2024)

Dear Sir/Madam

With Reference to the above sited subject, I would like to inform you that I was given following papers of various classes as per the annual Teaching plan for the academic year 2022-2023 to teach in the semester mentioned below and I assure you that within time I have completed the syllabus of the theory subjects satisfactorily. While teaching I have used Participatory and Experiential methods and ICT tools were used to deliver the subject effectively.

Sr. No.	Class	Sem	Paper No	Title of the Paper	Duration
1	B.A. I	I	I	Rise of the Maratha Power (1600-1707 A.D.)	July To Nov, 2023
2	B.A. II	III	III	Modern Europe (1750 To 1871)	July To Nov, 2023
3	B.A. II	III	IDS	History of Social Reformers of Maharashtra	July To Nov, 2023
4	B.A. III	V	VII	Ancient India (Pre Historic Age to 650 AD)	July To Nov, 2023
5	B.A. III	V	XI	Historical Sources, Research and Places	July To Nov, 2023
Sr. No.	Class	Sem	Paper No	Title of the Paper	Duration
1	B.A. I	II	II	Rise of the Maratha Power (1600-1707 A.D.)	Dec, 2023 To April, 2024
2	B.A. II	IV	IV	Modern Europe (1750 To 1871)	Dec, 2023 To April, 2024
3	B.A. II	IV	IDS	History of Social Reformers of Maharashtra	Dec, 2023 To April, 2024
4	B.A. III	VI	XI	Ancient India (Pre Historic Age to 650 AD)	Dec, 2023 To April, 2024
5	B.A. III	VI	XVI	Historical Sources, Research and Places	Dec, 2023 To April, 2024

Thank You

Pantulwar
I/c. Principal
**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur**

K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare
Taluka- Madha Dist-Solapur

Mr. Bappasaheb Ramling Shejul
Assistant professor, Dept. of History
K.N. Bhise Arts, Commerce and
Vinayakrao Patil Science College,
Vidyanagar, Bhosare

Date: 30-04-2024

To,
Head of the Department
Department of History
K. N. Bhise Arts, commerce and Vinayakrao
Patil Science College, Vidyanagar Bhosare

Subject: Syllabus Completion Report (2023-2024)

Dear Sir/Madam

With Reference to the above mentioned subject, I would like to inform you that I have completed the syllabus of the following courses allotted to me as per the annual plan for the Academic year 2022-2023

Sr. No.	Class	Name of the Paper
1	BA-I	Rise of Maratha Power (1600 AD To 1707AD)
2	B.A. II	Modern India (1857 to 1950 AD)
3	B.A.III	Mughal India(1526 To 1707AD)
4	B.A. III	Expansion and downfall of Maratha Power (1707 To 1818 AD)
5	B.A. III	Modern World (1870 To 2000 AD)

Thank You

Bany
I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL SCIENCE
COLLEGE, VIDYANAGAR, BHOSARE**

NAAC Re-accredited 'A' Grade
Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

Dr. Somanath S. Kshirsagar
Assistant Professor, Department of Zoology,
K. N. Bhise Arts and Commerce College,
Kurduwadi
Date:

To,
Principal and Head,

K. N. Bhise Arts and Commerce College, Kurduwadi

Subject: Syllabus Completion Report (2023-2024)

Respected Sir,

With reference to the above mentioned subject, I would like to bring to your notice that I have completed the syllabus of the following classes allotted to me as per the annual plan for the academic year 2022-2023

Sr. No.	Class	Semester	Name of the Paper	Percentage of Syllabus Completion Theory and Practical
1.	B.Sc. I Zoology	Semester I	Animal Diversity I – Paper I Animal Diversity II- Paper II	100%
2.	B.Sc. I Zoology	Semester II	Comparative Anatomy of the Vertebrates – Paper III Developmental Biology- Paper IV	100%
3.	B.Sc. II Zoology	Semester III	Cell Biology – Paper V Principles of Ecology Paper VI	100%
4.	B.Sc. II Zoology	Semester IV	Fundamentals of Biochemistry – Paper VII Physiology – animal Coordination – Paper VIII	100%


Dr. Somanath S. Kshirsagar




I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanaagar Bhosare, Dist-Solapur