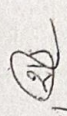


SHRI SHIVAJI MAHAVIDYALAYA, BARSHI

Department of Chemistry Time Table (2023-24) Term-I

Class	Time	Mon	Tue	Wed	Thu	Fri	Sat	Teacher	Workload
B.Sc. II (Pr.)	9.40-1.00	RSJ	BDS	SHP	BDS	DKJ	UBB	ABS-	2 + 0 = 02
	54W	PRK	PRK	JPV	JPV	LSW	VMG	SHG-	6 + 10 = 16
B.Sc. III (Th.) Hall-21	12.10	VMG	VMG	VMG ✓	DKJ	SHP	DKJ	SHP-	3 + 18 = 21
	01.00	ABS/UBB	RSJ	RSJ	LSW	JPV	SHG	DKJ-	3 + 17 = 20
B.Sc. III (Pr.)	01.50 to 06.00	P	II-VMG		III-RSJ			VMG-	6 + 14 = 20
		I	III-SHG	I-LSW				RSJ-	5 + 17 = 22
	O			I-DKJ	II-SHP		III-PRK	PRK-	3 + 13 = 16
	A							JPV-	1 + 12 = 13
B.Sc. I (Th.) Hall-29&35	11.20	A(35) SHG	A(35) SHG	A(35) SHG	A(35) SHG	A(35) RSJ ✓		BDS-	0 + 12 = 12
	12.10			B(29) PRK / A	B(29) VMG	B(29) VMG ✓	B(29) PRK	UBB-	1 + 12 = 13
	01.00							LSW-	2 + 12 = 14
B.Sc. II (Th.) Hall-35	01.50					A(35) RSJ ✓ B(29) PRK	A*(35) VMG B*(29) RSJ		
	02.40	DKJ	SHP	SHP	SHG				
	03.30								
B.Sc. I (Pr.) 02.40-6.00	04.20					SHG	ABS/LSW		
	I Lab. 54 (E)	SHP	DKJ	DKJ	LSW	JPV	SHP		
	II Lab. 54 (W)	UBB	RSJ	RSJ	UBB		BDS		


Head
 Department of Chemistry
 Shri Shivaji Mahavidyalaya,
 Barshi-413411

DEPARTMENT OF CHEMISTRY TIME TABLE FOR THE YEAR, 2018-19, w.e.f. 20 June 2019 TERM I

CLASS	TIME	MON	TUE	WED	THU	FRI	SAT	WORK LOAD				Total	Signature
								B.Sc.I	B.Sc.II	B.Sc.III	Total		
B.Sc.III (Pr.)	7.10-11.20	I			II-TNL	III - ABS	IV- SHG						293
		O	III - DKJ	V- SHP									288
B.Sc. II (Pr.)	9.40-1.00	54 E	SHG, KDM	ADK	ABS	DKJ	RLP						005
		54 W	RSJ	TNL	SMT	NRK	NRK/VMG						
		59	JPV	JPV	JPV	KDM	SHP	PCD					
B.Sc.III (Th.) Hall-21	11.20		SHP	TNL									
	12.10		SGJ	SHG	DKJ	SGJ	VMG						
	01.00		TNL	SHP	VMG	JPV	PRK						
	01.50 to 06.00	P	I- VMG	III-VMG/SMT	IV-SGJ	V-RSJ	VI-SGJ						
B.Sc.I (Th.)		I			V - SHG	VI-TNL	I-ABS						
		O	VI -PRK	II - DKJ									
	9.40	A	V*	VI	II*	III*DKJ	I*						
B.Sc.II (Th.) Hall-35	10.30												
	11.20		B(29) ABS	A (35) RSJ		A (35)SHG B(29) VMG	B(29) SHG						
	12.10			B(29) ABS									
	01.00			A (35) RSJ									
	01.50		A(35) SHG	B(29)VMG		A(35) ABS	A*(35) RSJ B*(29)VMG						
B.Sc.II (Th.) Hall-35	02.40		DKJ	SHG			A*(09) RSJ						
	03.30			TNL	ABS								
	04.20		ABS/RLP	TNL/NRK	RSJ/PCD	VMG/RLP	SHP	SHP					
B.Sc.I (Pr.) 02.40-6.00	I Lab. 54 (E)		ADK/PRK	NGT/ABS	RLP/DKJ	SMT/ADK	RSJ/ADK						
	II Lab. 54(W)		VMK	VMK	SGJ/KDM	VMK	NGT/SHG						
	III Lab. 59				SHP/NGT	KDM	KDM						
Nonteaching Work Dist.		Lab. 54-East-Dure, West-Karanjkar		55&56-Raut		56-Trimbake	59-Dhabeekar						
			Morning - Trimbake K.M.										

Dr. T. N. Lokhande

M. Sc. Ph. D.

Head, Dept. of Chemistry

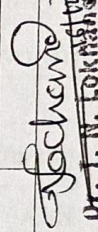
Shri Shivaji Mahavidyalaya

D. S. 411 Dist. Solapur

SHRI SHRI AJI MAHAVIDYALAYA, BARSHI

DEPARTMENT OF CHEMISTRY TIME TABLE FOR THE YEAR, 2021-22, TERM-I w.e.f. Sept.-2021

CLASS	TIME	MON	TUE	WED	THU	FRI	SAT
B.Sc. III (Pr.)	7.10-11.20	I			V - TNL	IV - SHG	VI-ABS
		O	IV- PRK	I- SHP			
B.Sc. II (Pr.)	9.40-1.00	SHG	SHG/PMM	ABS	BRP	DKJ	DKJ/PMM
		BDS	BDS	TNL	BDS	BRP	BRP
		RSJ	JPV	JPV	JPV	SHP/PMM	SHP
B.Sc. III (Th.) Hall-21	11.20						
	12.10	SHP/PRK	ABS	SHG/BDS	RSJ	RSJ	TNL
	01.00	VMG/SMT	RSJ/BRP	VMG/SMT	VMG/SMT	DKJ/PMM	DKJ/PMM
	01.50 to 06.00	I- VMG	II-SMT	VI- RSJ	IV-VMG	V- RSJ	III- SMT
		III -SHP	V-DKJ	II - DKJ	I-ABS	III- TNL	II-SHG
		V*	IV*		II*	III*	I*
B.Sc. I (Th.)	10.30						
						A (35) SHG, B(29) ABS	B(29) ABS/JPV
B.Sc. II (Th.) Hall-35	11.20	B(29) ABS/JPV	A(35) RSJ/BRP				
	12.10			B(29) VMG,			
	01.00			A (35) RSJ			
	01.50	A(35) SHG	B(29)VMG		A(35) SHG/BDS		A*(35) RSJ/BRP B*(29) VMG
B.Sc. II (Th.) Hall-35	02.40	DKJ/PMM	SHG/BDS				
	03.30			ABS/JPV	TNL	SHP/PRK	SHP/PRK
	04.20					JPV	VMG
B.Sc. I (Pr.) 02.40-6.00	I Lab. 54 (E)	ABS/PMM	TNL	SHG	DKJ	BDS	RSJ
	II Lab. 54(W)	SMT	SHP	PRK	BRP		
	III Lab. 59				PRK		


Dr. T. N. Lokhande

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 Barshi - 413411, Dis. Solapur

PLM 1.1.1

SHRI SHIVAJI MAHAVIDYALAYA, BARSII.
TIME-TABLE FOR ONLINE TEACHING 2020-21 W.E.F. 01-11-2020
CHEMISTRY DEPARTMENT

B.Sc. I

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1.00 to 1.50	ENGLISH	ENGLISH	*CHEM A-RSJ B-VMG	STATISTICS COMPUTER SCIENCE	STATISTICS COMPUTER SCIENCE	STATISTICS COMPUTER SCIENCE
2.00 to 2.50	MATHS ZOOLOGY	MATHS ZOOLOGY	MATHS ZOOLOGY	PHYSICS MICRO.	PHYSICS MICRO.	PHYSICS MICRO.
3.00 To 3.50	ELEC. BOTANY	ELEC. BOTANY	ELEC. BOTANY	CHEM A-RSJ B-ABS	CHEM A-SHG B-ABS	CHEM A-SHG B-VMG

B.Sc. II

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1.00 to 1.50	STATISTICS COMPUTER SCIENCE	STATISTICS COMPUTER SCIENCE	STATISTICS COMPUTER SCIENCE	ENV. SC.	ENV. SC.	*CHEM DKJ
2.00 to 2.50	CHEM SHG	CHEM TNL	CHEM SHP	ELEC. BOTANY	ELEC. BOTANY	ELEC. BOTANY
3.00 To 3.50	PHYSICS MICRO.	PHYSICS MICRO.	PHYSICS MICRO.	MATHS ZOOLOGY	MATHS ZOOLOGY	MATHS ZOOLOGY

B.Sc. III

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00	DKJ	VMG		VMG	RSJ	ABS
11.00	SHP	DKJ	SHG	TNL	ENGLISH	ENGLISH
12.00			ABS		SHP	RSJ

All teachers are requested to prepare their own Zoom/Google meet/Geo meet etc. schedule and inform respective students about user ID and password of the meeting, well in advance. All are requested to engage the class possibly in the given time schedule only without extending or overlapping the time of other subjects.

1. TNL *Jochemo*
2. ABS *Jochemo*
3. SHG *Jochemo*
4. SHP *Jochemo*
5. VMG *Jochemo*
6. DKJ *Jochemo*
7. RSJ *Jochemo*

Jochemo
Dr. T. N. Lokhande
 Head
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 Head, Dept. of Chemistry
 Shri Shivaji Mahavidyalaya
 Barsi - 413411, Dist. Solapur

SHRI SHIVAJI MAHAVIDYALAYA, BARSHI

DEPARTMENT OF CHEMISTRY TIME TABLE FOR THE YEAR, 2019-20, TERM I w.e.f. 26/08/2019

CLASS	TIME	MON	TUE	WED	THU	FRI	SAT	WORK LOAD											
								B.Sc.I	B.Sc.II	B.Sc.III	M.Sc		Total						
B.Sc.III (Pr.) Hall-21	7.10-11.20		IV-DKJ SHG	I-DKJ RJP	I-SHG ABS	IV-ABS DKJ													
	9.40-1.00		RSJ/VMG JPV	TNL	TNL	SHP	DKJ SHP												
B.Sc.III (Th.) Hall-21	11.20		TNL	SHG	DKJ	SGJ	VMG												
	12.10		SGJ	SHP	VMG	JPV	PRK TNL												
B.Sc.III (Pr.)	01.50 to 06.00		I-VMG II-SGJ	SHG SHP	IV-SGJ V-TNL	V-RSJ III-SHG	III-SGJ II-ABS												
	9.40		III-PRK V-SHP V*	II-SHP IV*	II*	III*	I*												
B.Sc.I (Th.)	10.30		AG(5) RSJ	B(29) ABS	A(35) SHG	A(35) SHG (29) VMG	B(29) SHG												
	12.10																		
B.Sc.II (Th.) Hall-35	01.50		B(29) VMG	B(29) ABS	A(35) SHG	B(29) VMG													
	02.40		SHG																
B.Sc.I (Pr.) 02.40-6.00	03.30		DKJ																
	04.20																		
M.Sc.I (Pr.)	I Lab 54 (E)		ABS	TNL	RSJ	SHP	SHP												
	II Lab 54 (W)		ADK	PRK	JPV	DKJ	SMT												
M.Sc.II (Pr.)	10.30-01.30		RJP	RJP	SGJ	VMG	RSJ												
			A-SMT B-PCD B-SMT A-PCD	A-SMT B-PCD B-SMT A-PCD	B-ADK/PCD B-SMT A-ADK	A-PRK B-PRK	A-PRK B-PRK												
M.Sc.II (Th.)	02.30-06.00		SEMINAR	SHP	VMG	PCD	PCD												
	11.00		ADK	TNL	VMG	PCD	RJP												
M.Sc.II (Th.)	12.00		DKJ	PRK	RJP	ABS	SMT												
	01.00						SHG												
M.Sc.I Th.	02.00		SGJ	SMT	ADK	RSJ	VMG												
	03.00		TNL	ABS	PCD	JPV	RJP												
M.Sc.I Th.	04.00		SHP	VMG	SHG	PRK	DKJ												

(Signature)

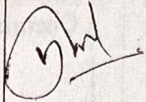
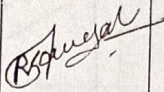
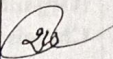
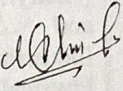
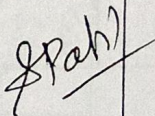

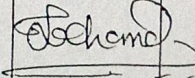

Dr. T. N. Lakhande
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Shri Shivaji Mahavidyalaya, Barshi

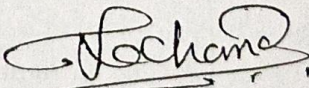
Department of Chemistry

Work Distribution (2019-20)

Chemistry (Sem-I, III, V)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature	
B.Sc I Sem-I	Paper I (Physical Chemistry)	Dr. V. M. Gurame (B Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts		
		Mrs. R. S. Jangale (A Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts		
	Paper II (Inorganic Chemistry)	Dr. S. H. Gaikwad (A Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT		
		Dr. A. B. Shaikh (B Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT		
	B.Sc. II Sem-III	Paper V (Organic Chemistry)	Mr. S. H. Patil	1. Ultra-Violet (UV) absorption 2. Ethers and Epoxides Carboxylic acids Diazonium salts	
			Mr. D. K. Jamale	1. Alcohols and Phenols 2. Aldehydes and Ketones 3. Stereochemistry	
Paper VI (Inorganic Chemistry)		Dr. T. N. Lokhande	1. Co-ordination Chemistry 2. Acids and Bases		
		Dr. S. H. Gaikwad	1. Chelation		

		Dr. A. B. Shaikh	1. Chemistry of d block elements	
B.Sc. III Sem-V	Paper IX (Physical Chemistry)	Mr. S. G. Jadhav	1. Phase Equilibria 2. Electromotive Force	
		Mr. P. R. Kate	1. Photochemistry	<u>Am</u>
	Paper X (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Metal ligand bonding in transition metal complexes	<u>Lokhande</u>
		Dr. A. B. Shaikh	1 Nuclear Chemistry 2 Fertilizers	<u>Shaikh</u>
		Dr. S. H. Gaikwad	1. Bio-inorganic chemistry 2 Catalysis	<u>SB</u>
	Paper XI (Organic Chemistry)	Mr. S. H. Patil	1. NMR Spectroscopy 2. Mass spectroscopy IR Spectroscopy	<u>Patil</u>
		Mr. D. K. Jamale	1. Name reactions 2. Organic synthesis via Enolates Stereochemistry	<u>J</u>
	Paper-XII (Analytical and Industrial Physical Chemistry)	Dr. V. M. Gurame	1. Electroplating 2. Flame photometry	<u>Gurame</u>
		Smt. R. S. Jangale	1 Potentiometry	<u>Jangale</u>
		Mr. J. P. Vidhate	1. Colorimetry 2. Conductometry	<u>Vidhate</u>


Dr. T. N. Lokhande
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 Shri Shivaji Mahavidyalaya
 Barshi - 413411, Dist. Solapur

Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Work Distribution (2019-20)

Chemistry (Sem-II, IV, VI)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature	
B.Sc I Sem-II	Paper III (Organic Chemistry)	Mr. S. H. Patil (A Division)	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6. Structure and Bonding	<i>S. H. Patil</i>	
		Mr. D.K. Jamale (B Division)	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6. Structure and Bonding	<i>D. K. Jamale</i>	
	Paper IV (Analytical Chemistry)	Dr. S. H. Gaikwad (B Division)	1. Environmental Chemistry- Air pollution 2. Environmental Chemistry- Water pollution	<i>S. H. Gaikwad</i>	
		Mr. P. R. Kate (A Division) <i>Dr. A. B. Shaikh</i>	1. Environmental Chemistry- Air pollution 2. Environmental Chemistry- Water pollution 3. Physical properties of liquids (B Division)	<i>P. R. Kate</i> <i>A. B. Shaikh</i>	
		Dr. V. M. Gurame (A Division)	1. Physical properties of liquids	<i>V. M. Gurame</i>	
		Mr. S. H. Patil (A & B Division)	1. Qualitative and Quantitative elemental analysis 2. Petroleum & Petrochemicals	<i>S. H. Patil</i>	
	B.Sc. II	Paper-V	Mr. S.G. Jadhav	1. Thermodynamics	

Sem-IV	(Physical Chemistry)	Dr. V. M. Gurame Mrs. R. J. Jangekar	1. The Solid State 2. Physical properties of liquids 3. Electrochemistry	<u>VM</u> <u>RSJ</u>
	Paper-VI (Industrial & analytical Inorganic Chemistry)	Dr. T. N. Lokhande	1. Theory of Volumetric Analysis 2. Steel 3. Theory of Gravimetric Analysis	<u>Lochande</u>
		Dr. S. H. Gaikwad	1. Industrial heavy Chemicals 2. Catalysis 3. Water Pollution & its treatment	<u>SB</u>
B.Sc. III Sem-VI	Paper XI (Physical Chemistry)	Mr. S. G. Jadhav	1. Thermodynamics	
		Dr. V. M. Gurame	1. Solutions	<u>VM</u>
		Mr. P. R. Kate	1. Spectroscopy	<u>PRK</u>
		Miss. A. U. Pawar	1. Chemical Kinetics	
	Paper XII (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Study of F-block Elements	<u>Lochande</u>
		Dr. S. H. Gaikwad	1. Corrosion and Passivity	
		Mr. V. M. Khaire	1. Metals and Semiconductors	
		Mr. P. R. Kate	1. Organometallic Chemistry 2. Structural Chemistry	<u>PRK</u>
	Paper-XIII (Organic Chemistry)	Mr. S.S. Vibhute	1. Heterocyclic compounds 2. Vitamins and Hormones 3. Agrochemicals.	
		Mr. S.H. Patil	1. Carbohydrates 2. Synthetic dyes	<u>SPH</u>
		Mr. D.K. Jamale	1. Pharmaceuticals	<u>JK</u>
	Paper-XIV Analytical and	Mr. S.S. Vibhute	1. Textile chemistry	
Mr. D.K. Jamale		1. Chromatography	<u>JK</u>	

Industrial Organic Chemistry	Jamale		
	Miss. S. B. Deshmukh	1. Soaps and Detergents	
	Miss. A J. Waghmare	1. Sugar and Alcohol Industry	
	Mr. J. P. Vidhate	1. Synthetic polymers	Left
	Miss. A. U. Pawar	1. Green Chemistry.	

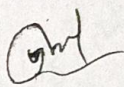
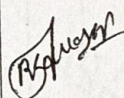
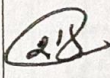
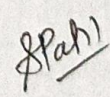
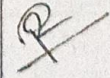
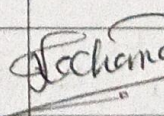

T. N. Lokhande
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 Barshi - 413411, Dist. Solapur



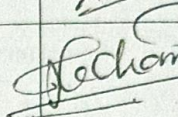
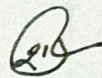
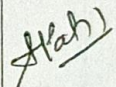

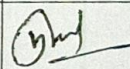
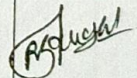

Shri Shivaji Mahavidyalaya, Barshi


Department of Chemistry

Work Distribution (2020-21)

Chemistry (Sem-I, III, V)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature	
B.Sc I Sem-I	Paper I (Physical Chemistry)	Dr. V. M. Gurame (B Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts		
		Mrs. R. S. Jangale (A Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts		
	Paper II (Inorganic Chemistry)	Dr. S. H. Gaikwad (A Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT		
		Dr. A. B. Shaikh (B Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT		
	B.Sc. II Sem-III	Paper V (Organic Chemistry)	Mr. S. H. Patil	1. Ultra-Violet (UV) absorption 2. Ethers and Epoxides Carboxylic acids Diazonium salts	
			Mr. D. K. Jamale	1. Alcohols and Phenols 2. Aldehydes and Ketones 3. Stereochemistry	
Paper-VI (Inorganic Chemistry)		Dr. T. N. Lokhande	1. Co-ordination Chemistry 2. Acids and Bases		
		Dr. S. H. Gaikwad	1. Chelation		

		Dr. A. B. Shaikh	1. Chemistry of d block elements	
B.Sc. III Sem-V	Paper IX (Physical Chemistry)	Mr. S. G. Jadhav	1. Phase Equilibria 2. Electromotive Force	
		Mr. P. R. Kate	1. Photochemistry	
	Paper X (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Metal ligand bonding in transition metal complexes	
		Dr. A. B. Shaikh	1 Nuclear Chemistry 2 Fertilizers	
		Dr. S. H. Gaikwad	1. Bio-inorganic chemistry 2 Catalysis	
	Paper XI (Organic Chemistry)	Mr. S. H. Patil	1. NMR Spectroscopy 2. Mass spectroscopy IR Spectroscopy	
		Mr. D. K. Jamale	1. Name reactions 2. Organic synthesis via Enolates Stereochemistry	
	Paper-XII (Analytical and Industrial Physical Chemistry)	Dr. V. M. Gurame	1. Electroplating 2. Flame photometry	
		Smt. R. S. Jangale	1 Potentiometry 2- colorimetry	
		Mr. J. P. Vidhate	1. Colorimetry 2. Conductometry	

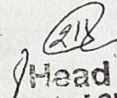

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 Department of Chemistry
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Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry Completion of Work (2020-221) Chemistry (Sem-II, IV, VI)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature
B.Sc I Sem-II	Paper III (Organic Chemistry)	Mr. S. H. Patil	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6. Structure and Bonding	<i>S. H. Patil</i>
		Mr. D.K. Jamale	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6. Structure and Bonding	<i>D. K. Jamale</i>
	Paper IV (Analytical Chemistry)	Dr. S. H. Gaikwad	1. Environmental Chemistry Air pollution	<i>S. H. Gaikwad</i>
		Dr. A. B. Shaikh	1. Environmental Chemistry Water pollution	<i>A. B. Shaikh</i>
		Dr. V. M. Gurame (Dir - B)	1. Physical properties of liquids	
		Mrs. R.S.Jangale (Dir - A)	1. Physical properties of liquids	<i>R. S. Jangale</i>
		Mr.S.H.Patil	1. Qualitative and Quantitative elemental analysis 2. Petroleum and Petrochemicals	<i>S. H. Patil</i>
B.Sc. II Sem-IV	Paper-VII (Physical Chemistry)	Mr. S.G. Jadhav	1. Thermodynamics	
		Dr. V. M. Gurame	1. Electrochemistry 2. The Solid State	<i>V. M. Gurame</i>
		Mrs.R.S.Jangale	1 Distribution Law	<i>R. S. Jangale</i>
	Paper-VIII (Industrial & analytical Inorganic Chemistry)	Dr. T. N. Lokhande	1. Iron And Steel	<i>T. N. Lokhande</i>
		Mr. A. B. Shaikh	1. Theory of Gravimetric Analysis 2 Metallurgy	
		Dr. S. H. Gaikwad	1. Volumetric Analysis 2. Industrial Heavy Chemicals	<i>S. H. Gaikwad</i>
B.Sc. III Sem-VI	Paper XIII (Physical Chemistry)	Mr. S. G. Jadhav	1. Thermodynamics	
		Dr. V. M. Gurame	1. Solutions	
		Mrs.R.S.Jangale	1 Chemical Kinetics	<i>R. S. Jangale</i>

	Mr. P. R. Kate	1. Spectroscopy	ARU
Paper XIV (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Study of F-block Elements	ARU
	Dr. A. B. Shaikh	1. Metals and Semiconductors 2. Structural Chemistry	ARU
	Dr. S. H. Gaikwad	1. Corrosion and Passivity	ARU
	Dr. A. B. Shaikh	1. Organometallic Chemistry	
Paper-XV (Organic Chemistry)	Miss. R.L. Paighan	1. Vitamins and Hormones 2. Agrochemicals.	
	Mr. S.H. Patil	1. Carbohydrates 2. Synthetic dyes	ARU
	Mr. D.K. Jamale	1. Pharmaceuticals	ARU
PaperXVI Analytical and Industrial Organic Chemistry	Mr. D.K. Jamale	1. Chromatography	ARU
	P.R.Kate	1. Green Chemistry 2. Sugar and Alcohol Industry	ARU
	Mr. J.P. Vidhate	1. Reagents 2. Synthetic Polymer 3. Soap & Detergents	ARU

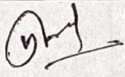


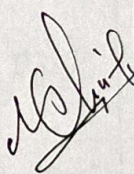
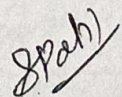

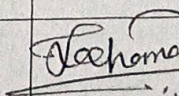
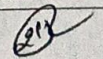

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Department of Chemistry

Work Completion Report (2021-22)

Chemistry (Sem-I, III, V)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature
B.Sc I Sem-I	Paper I (Physical Chemistry)	Dr. V. M. Gurame (B Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts	
		Mrs. R. S. Jangale (A Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts	
	Paper II (Inorganic Chemistry)	Dr. S. H. Gaikwad (A Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT	
		Dr. A. B. Shaikh (B Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT	
B.Sc. II Sem-III	Paper V (Organic Chemistry)	Mr. S. H. Patil	1. Ultra-Violet (UV) absorption 2. Ethers and Epoxides Carboxylic acids Diazonium salts	
		Mr. D. K. Jamale	1. Alcohols and Phenols 2. Aldehydes and Ketones 3. Stereochemistry	
	Paper VI (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Co-ordination Chemistry 2. Acids and Bases	
		Dr. S. H. Gaikwad	1. Chelation	

		Dr. A. B. Shaikh	1. Chemistry of d block elements	
B.Sc. III Sem-V	Paper IX (Physical Chemistry)	Mrs Jangale R.S.	1. Phase Equilibria 2. Electromotive Force	<i>R. Jangale</i>
		Dr. V. M. Gurame Mr. J.P. Vidhate	1. Photochemistry	
	Paper X (Inorganic Chemistry)	Dr. T.N.Lokhande	1. Metal ligand bonding in transition metal complexes	<i>Dr. Lokhande</i>
		Dr.A.B.Shaikh	1 Nuclear Chemistry 2 Fertilizers	<i>Dr. Shaikh</i>
		Dr. S. H. Gaikwad	1. Bio-inorganic chemistry 2 Catalysis	<i>Dr. Gaikwad</i>
	Paper XI (Organic Chemistry)	Mr. S. H. Patil	1. NMR Spectroscopy 2. Mass spectroscopy IR Spectroscopy	<i>Dr. Patil</i>
		Mr. D. K. Jamale	1. Name reactions 2. Organic synthesis via Enolates Stereochemistry	<i>Dr. Jamale</i>
	Paper-XII (Analytical and Industrial Physical Chemistry)	Dr. V. M. Gurame	1.Electroplating 2. Flame photometry	<i>Dr. Gurame</i>
		Smt.R.S.Jangale	1 Potentiometry	<i>R. S. Jangale</i>
		Mr. J. P. Vidhate	1. Colorimetry 2. Conductometry	<i>Dr. Vidhate</i>

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Department of Chemistry

Work Completion Report (2021-22)

Chemistry (Sem-II, IV, VI)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature	
B.Sc I Sem-II	Paper III (Organic Chemistry)	Mr. S. H. Patil (A Division)	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6. Structure and Bonding	<i>S. H. Patil</i>	
		Mr. D.K. Jamale (B Division)	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6. Structure and Bonding	<i>D. K. Jamale</i>	
	Paper IV (Analytical Chemistry)	Dr. S. H. Gaikwad (B Division)	1. Environmental Chemistry- Air pollution 2. Environmental Chemistry- Water pollution	<i>S. H. Gaikwad</i>	
		Mr. P. R. Kate (A Division)	1. Environmental Chemistry- Air pollution 2. Environmental Chemistry- Water pollution	<i>P. R. Kate</i>	
		<i>sm. R. S. Jangale</i>	3. Physical properties of liquids (A Division)	<i>R. S. Jangale</i>	
		Dr. V. M. Gurame (B Division)	1. Physical properties of liquids		
		Mr. S. H. Patil (A & B Division)	1. Qualitative and Quantitative elemental analysis 2. Petrochemicals <i>Petrochemicals graphy</i>	<i>S. H. Patil</i>	
	B.Sc. II	Paper-V	Mr. S.G. Jadhav	1. Thermodynamics	

Sem-IV	(Physical Chemistry)	Dr. V. M. Gurame Smt-R-S Jangale	1. The Solid State 2. Physical properties of liquids 3. Electrochemistry 4. Distribution Law	RAJGUR
	Paper-VI (Industrial & analytical Inorganic Chemistry)	Dr. T. N. Lokhande	1. Theory of Volumetric Analysis 2. Steel 3. Theory of Gravimetric Analysis	Lochane
		Dr. S. H. Gaikwad	1. Industrial heavy Chemicals 2. Catalysis 3. Water Pollution & its treatment	2B
B.Sc. III Sem-VI	Paper XI (Physical Chemistry)	Mr. S. G. Jadhav	1. Thermodynamics	
		Dr. V. M. Gurame	1. Solutions	Ohl
		Mr. P. R. Kate	1. Spectroscopy	ARU
		Smt-R-S Miss. A. U. Pawar-Jangale	1. Chemical Kinetics 2. Thermodynamics	RAJGUR
	Paper XII (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Study of F-block Elements	Lochane
		Dr. S. H. Gaikwad	1. Corrosion and Passivity	2B
		Mr. V. M. Khaire	1. Metals and Semiconductors	
		Mr. P. R. Kate	1. Organometallic Chemistry 2. Structural Chemistry	ARU
	Paper-XIII (Organic Chemistry)	Mr. S.S. Vibhute	1. Heterocyclic compounds 2. Vitamins and Hormones 3. Agrochemicals.	
		Mr. S.H. Patil	1. Carbohydrates 2. Synthetic dyes	Patil
		Mr. D.K. Jamale	1. Pharmaceuticals	JK
	Paper-XIV Analytical and	Mr. S.S. Vibhute	1. Textile chemistry	
		Mr. D.K. Jamale	1. Chromatography	JK

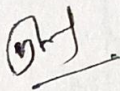
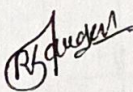

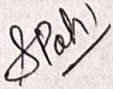


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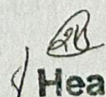
Department of Chemistry

Work Completion Report (2022-23)

Chemistry (Sem-I, III, V)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature
B.Sc I Sem-I	Paper I (Physical Chemistry)	Dr. V. M. Gurame (B Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts	
		Mrs. R. S. Jangale (A Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts	
	Paper II (Inorganic Chemistry)	Dr. S. H. Gaikwad (A Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT	
		Dr. A. B. Shaikh (B Division)	1 Atomic structure and periodic properties 2 Chemical bonding & Ionic solids 3 Co-valent Bonding-VBT 4 Co-valent Bonding-MOT	
B.Sc. II Sem-III	Paper V (Organic Chemistry)	Mr. S. H. Patil	1. Ultra-Violet (UV) absorption 2. Ethers and Epoxides Carboxylic acids Diazonium salts	
		Mr. D. K. Jamale	1. Alcohols and Phenols 2. Aldehydes and Ketones 3. Stereochemistry	
	Paper VI (Inorganic Chemistry)	Dr. A. B. Shaikh	1. Co-ordination Chemistry 2. Acids and Bases	
		Dr. S. H. Gaikwad	1. Chelation	

		Dr. A. B. Shaikh	1. Chemistry of d block elements	
B.Sc. III Sem-V	Paper IX (Physical Chemistry)	Mrs Jangale R.S.	1. Phase Equilibria 2. Electromotive Force	
		Mr. J.P.Vidhate	1. Photochemistry	
	Paper X (Inorganic Chemistry)	Dr. S.H.Gaikwad	1. Metal ligand bonding in transition metal complexes	28
		Dr.A.B.Shaikh	1 Nuclear Chemistry 2 Fertilizers	
		Dr. S. H. Gaikwad	1. Bio-inorganic chemistry 2 Catalysis	29
	Paper XI (Organic Chemistry)	Mr. S. H. Patil	1. NMR Spectroscopy 2. Mass spectroscopy IR Spectroscopy	\$Patil\$
		Mr. D. K. Jamale	1. Name reactions 2. Organic synthesis via Enolates Stereochemistry	30
	Paper-XII (Analytical and Industrial Physical Chemistry)	Dr. V. M. Gurame	1.Electroplating 2. Flame photometry	
		Smt.R.S.Jangale	1 Potentiometry 2. colorimetry	31
		Mr. J. P. Vidhate	1. Colorimetry 2. Conductometry	32

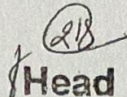

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Department of Chemistry Distribution of Work (2022-23) Chemistry (Sem-II, IV, VI)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature	
B.Sc I Sem-II	Paper III (Organic Chemistry)	Mr. S. H. Patil	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6 Structure and Bonding	<i>S.Patil</i>	
		Mr. D.K. Jamale	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6 Structure and Bonding	<i>J</i>	
	Paper IV (Analytical Chemistry)	Dr. S. H. Gaikwad	1. Environmental Chemistry Air pollution	<i>(S.H.G)</i>	
		Dr. A. B. Shaikh	1. Environmental Chemistry Water pollution		
		Dr. V. M. Gurame (Div - B)	1. Physical properties of liquids		
		Mrs. R.S.Jangale (Div - A)	1. Physical properties of liquids	<i>R.S.Jangale</i>	
		Mr.S.H.Patil	1. Qualitative and Quantitative elemental analysis 2. Petroleum and Petrochemicals	<i>S.Patil</i>	
	B.Sc. II Sem-IV	Paper-VII (Physical Chemistry)	<i>Smt-R-S Jangale</i>	1. Thermodynamics	<i>R.S.Jangale</i>
			Dr. V. M. Gurame	1. Electrochemistry 2. The Solid State	
			Mrs.R.S.Jangale	1 Distribution Law	<i>R.S.Jangale</i>
Paper-VIII (Industrial & analytical Inorganic Chemistry)			1. Iron And Steel		
		Mr. A. B. Shaikh	1. Theory of Gravimetric Analysis 2 Metallurgy		
		Dr. S. H. Gaikwad	1. Volumetric Analysis 2. Industrial Heavy Chemicals	<i>(S.H.G)</i>	
B.Sc. III Sem-VI	Paper XIII (Physical Chemistry)		1. Thermodynamics		
		Dr. V. M. Gurame	1. Solutions		
		Mrs.R.S.Jangale	1 Chemical Kinetics 2. Thermodynamics	<i>R.S.Jangale</i>	

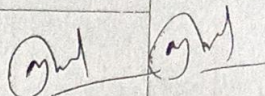
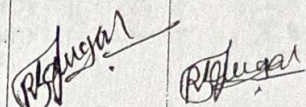
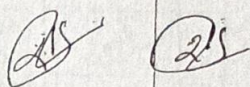
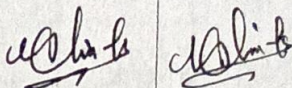
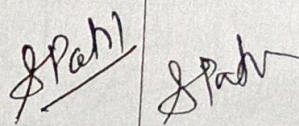
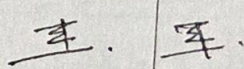
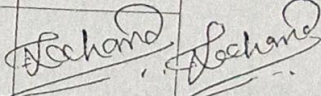
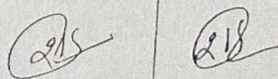
	Mr. P. R. Kate	1. Spectroscopy	AK
Paper XIV (Inorganic Chemistry)		1. Study of F-block Elements	
	Mr. A. B. Shaikh	1. Metals and Semiconductors 2. Structural Chemistry	
	Dr. S. H. Gaikwad	1. Corrosion and Passivity	SB
	Mr. P. R. Kate	1. Organometallic Chemistry	AK
Paper-XV (Organic Chemistry)		1. Vitamins and Hormones 2. Agrochemicals.	
	Mr. S.H. Patil	1. Carbohydrates 2. Synthetic dyes	SPH
	Mr. D.K. Jamale	1. Pharmaceuticals	P
PaperXVI Analytical and Industrial Organic Chemistry			
	Mr. D.K. Jamale	1. Chromatography 2. Green Chemistry	P
		1. Soaps and Detergents 2. Sugar and Alcohol Industry	P
	Mr. J.P. Vidhate	1. Synthetic polymers 2. Synthetic Polymer	JP


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Department of Chemistry

Distribution of Work (2018-19) / completion Report Chemistry (Sem-I, III, V)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature	
B.Sc I Sem-I	Paper I (Physical Chemistry)	Dr. V. M. Gurame (B Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts		
		Mrs. R. S. Jangale (A Division)	1. Gaseous State 2. Thermodynamics 3. Chemical Kinetics 4. Mathematical Concepts		
	Paper II (Inorganic Chemistry)	Dr. S. H. Gaikwad (A Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT		
		Dr. A. B. Shaikh (B Division)	1. Atomic structure and periodic properties 2. Chemical bonding & Ionic solids 3. Co-valent Bonding-VBT 4. Co-valent Bonding-MOT		
	B.Sc. II Sem-III	Paper V (Organic Chemistry)	Mr. S. H. Patil	1. Ultra-Violet (UV) absorption 2. Ethers and Epoxides Carboxylic acids Diazonium salts	
			Mr. D. K. Jamale	1. Alcohols and Phenols 2. Aldehydes and Ketones 3. Stereochemistry	
Paper VI (Inorganic Chemistry)		Dr. T. N. Lokhande	1. Co-ordination Chemistry 2. Acids and Bases		
		Dr. S. H. Gaikwad	1. Chelation		

B.Sc. III Sem-V	Paper IX (Physical Chemistry)	Mr. S. G. Jadhav	1. Phase Equilibria 2. Electromotive Force		
		Mr. P. R. Kate	1. Photochemistry		
	Paper X (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Metal ligand bonding in transition metal complexes		
		Dr. A. B. Shaikh	1 Nuclear Chemistry 2 Fertilizers		
		Dr. S. H. Gaikwad	1. Bio-inorganic chemistry 2 Catalysis		
Paper XI (Organic Chemistry)	Mr. S. H. Patil	1. NMR Spectroscopy 2. Mass spectroscopy IR Spectroscopy			
	Mr. D. K. Jamale	1. Name reactions 2. Organic synthesis via Enolates Stereochemistry			
Paper-XII (Analytical and Industrial Physical Chemistry)	Dr. V. M. Gurame	1. Electroplating 2. Flame photometry			
	Smt. R. S. Jangale	1 Potentiometry			
	Mr. J. P. Vidhate	1. Colorimetry 2., Conductometry			

Dr. T. N. Lokhande
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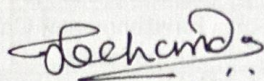
Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Distribution of Work (2018-19) / completion Report
Chemistry (Sem-II, IV, VI)

Class & Semester	Paper No.	Name of Teacher	Topics Allotted	Signature	
B.Sc I Sem-II	Paper III (Organic Chemistry)	Mr. S. H. Patil	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6 Structure and Bonding	<i>S.Patil</i>	
		Mr. D.K. Jamale	1. Fundamentals of organic reaction mechanism 2. Stereochemistry of organic compounds 3. Alkanes and Cycloalkanes 4. Aromaticity and Benzene 5. Alkenes, Dienes and Alkynes 6 Structure and Bonding	<i>D.K. Jamale</i>	
	Paper IV (Analytical Chemistry)	Dr. S. H. Gaikwad	1. Environmental Chemistry Air pollution	<i>S.H. Gaikwad</i>	
		Dr. A. B. Shaikh	1. Environmental Chemistry Water pollution	<i>A.B. Shaikh</i>	
		Dr. V. M. Gurame	1. Physical properties of liquids	<i>V.M. Gurame</i>	
		Mrs. R.S.Jangale	1. Physical properties of liquids	<i>R.S. Jangale</i>	
		Mr.S.H.Patil	1. Qualitative and Quantitative elemental analysis 2. Petroleum and Petrochemicals	<i>S.H. Patil</i>	
	B.Sc. II Sem-IV	Paper-VII (Physical Chemistry)	Mr. S.G. Jadhav	1. Thermodynamics	<i>S.G. Jadhav</i>
			Dr. V. M. Gurame	1. Electrochemistry 1. The Solid State	<i>V.M. Gurame</i>
			Mrs.R.S.Jangale	1 Distribution Law 2. Electrochemistry	<i>R.S. Jangale</i>
Paper-VIII (Industrial & analytical Inorganic Chemistry)		Dr. T. N. Lokhande	1. Iron And Steel	<i>T.N. Lokhande</i>	
		Mr. A. B. Shaikh	1. Theory of Gravimetric Analysis 2 Metallurgy	<i>A.B. Shaikh</i>	
		Dr. S. H. Gaikwad	1. Voluometric Analysis 2. Industrial Heavy Chemicals	<i>S.H. Gaikwad</i>	
B.Sc. III Sem-VI	Paper XIII (Physical Chemistry)	Mr. S. G. Jadhav	1. Thermodynamics	<i>S.G. Jadhav</i>	
		Dr. V. M. Gurame	1. Solutions	<i>V.M. Gurame</i>	
		Mrs.R.S.Jangale	1 Chemical Kinetics	<i>R.S. Jangale</i>	

	Mr. P. R. Kate	1. Spectroscopy	ASU	ASU
Paper XIV (Inorganic Chemistry)	Dr. T. N. Lokhande	1. Study of F-block Elements	T. N. Lokhande	T. N. Lokhande
	Mr. A. B. Shaikh	1. Metals and Semiconductors 2. Structural Chemistry	A. B. Shaikh	A. B. Shaikh
	Dr. S. H. Gaikwad	1. Corrosion and Passivity	S. H. Gaikwad	S. H. Gaikwad
	Mr. P. R. Kate	1. Organometallic Chemistry	ASU	ASU
Paper-XV (Organic Chemistry)	Miss. R.L.Paighan	1. Vitamins and Hormones 2. Agrochemicals.	R. L. Paighan	R. L. Paighan
	Mr. S.H. Patil	1. Carbohydrates 2. Synthetic dyes	S. H. Patil	S. H. Patil
	Mr. D.K. Jamale	1. Pharmaceuticals 2. Heterocyclic compounds	D. K. Jamale	D. K. Jamale
PaperXVI Analytical and Industrial Organic Chemistry	Mr. D.K. Jamale	1. Chromatography 2. Green Chemistry	D. K. Jamale	D. K. Jamale
	N.R.Kosti	1. Soaps and Detergents 2. Sugar and Alcohol Industry	N. R. Kosti	N. R. Kosti
	K. D. Mundhe		K. D. Mundhe	K. D. Mundhe
	Mr. J.P.Vidhate .	1. Synthetic polymers 2. Synthetic Polymer Reagents	J. P. Vidhate	J. P. Vidhate



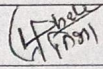
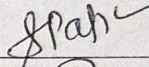
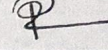
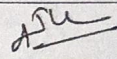

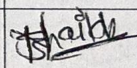
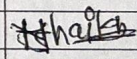
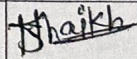

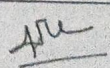

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Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Work Distribution Report(2022-23)

M. Sc. I Analytical Chemistry (SEM-I & II)

Class & Semester	Paper Name/ No.	Name of Teacher	Topics Allotted	Signature
M.Sc. I Sem-I	(Inorganic Chemistry) Paper No. HCT-101	Mrs. P. C. Dhale	Unit I: Chemistry of Transition Elements	
		Dr. D. K. Jamale	Unit II A: Stereochemistry and Bonding	
		Dr. A. B. Shaikh	Unit II B: Inorganic Materials, Unit III : Nuclear Chemistry	
		Mrs. P. C. Dhale	Unit IV: Metal cluster and metal carbonyl	
	(Organic Chemistry) Paper No. HCT-102	Mr. S. H. Patil	Unit I: Nature of bonding in organic molecule	
		Dr. D. K. Jamale	Unit II: Reaction mechanism Structure and reactivity	
		Dr. P. R. Kate	Unit III: Aliphatic Nucleophilic and Electrophilic substitutions Reactions	
		Mr. J. P. Vidhate	Unit IV: Stereochemistry	
	(Physical Chemistry) Paper No. HCT-103	Dr. R. S. Jangale	Unit I: Wave Mechanics	
		Ms. S.M. Thonge	Unit II: Chemical Thermodynamics	
		Ms. S.M. Thonge	Unit III: Thermodynamics of Solutions	
		Miss. N. K. Shaikh	Unit IV : Statistical Thermodynamics	
	(Analytical Chemistry-I) Paper No. SCT-104	Miss. N. K. Shaikh	Unit I: Statistical data analysis	
		Dr. A. B. Shaikh	Unit II A: Atomic absorption spectroscopy Unit II B: Inductively coupled plasma spectroscopy	
		Miss. N. K. Shaikh	Unit III: Electroanalytical Techniques	
		Dr. V. M. Gurame	Unit IV: Computer for Chemists	
M Sc I Sem II	Physical Chemistry Paper No. (DSC-3)	Dr. V. M. Gurame	Unit-I: Photo Chemistry	
		Dr. V. M. Gurame	Unit-II: Electro Chemistry	
		Dr. V. M. Gurame	Unit-III: Chemical Kinetics	
		Dr. V. M. Gurame	Unit-IV: Macro Molecules	
	Organic Chemistry Paper No. (DSC-4)	Dr. D. K. Jamale	1. Aromatic Electrophilic and Nucleophilic Substitution Reaction	
		Dr. P. R. Kate	2. a. Addition to c-c and C-Hetero Multiple Bond b. Elimination Reaction	

		Mr. J. P. Vidhate	3. Oxidation Reaction	<i>J.P.</i>
		Mr. S. H. Patil	4. Reduction Reaction	<i>S.H. Patil</i>
	Inorganic Chemistry Paper No. (DSE-2A)	Ms. N. K. Shaikh	1. Chemistry of Non-Transition Elements	<i>N.K. Shaikh</i>
		Ms. P. C. Dhale	2. Organometallic Chemistry of Transition Elements	<i>P.C. Dhale</i>
		Ms. P. C. Dhale	3. a. Metal Ligand Equilibria in Solution b. Chemistry of Lanthanide and Actinides	<i>P.C. Dhale</i>
		Ms. P. C. Dhale	4. a. Metallurgy b. Bio-Inorganic Chemistry	<i>P.C. Dhale</i>


Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Academic Year-2022-23

Practical Work Distribution w.e.f. 01-07-2022

Sr. No.	Name of Teacher	Subject	Practical batches Alloted	Signature
			M.Sc. I	
1.	Ms. P. C. Dhale	Inorganic Chemistry Practicals	One Batch (Two Day)	<i>P.C. Dhale</i>
2.	Miss. N. K. Shaikh	Organic Chemistry Practicals	One Batch (Two Day)	
3.	Dr. V. M. Gurame	Physical Chemistry Practicals	One Batch (Two Day)	

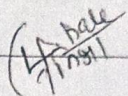
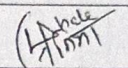
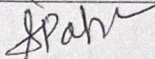
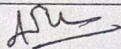

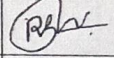
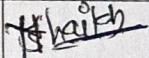
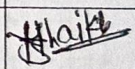
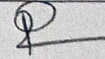
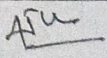

Head
 Department of Chemistry
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 Barshi- 413411

Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Completion of Work (2022-23)

M. Sc. I Analytical Chemistry (SEM-I & II)

Class & Semester	Paper Name/ No.	Name of Teacher	Topics Allotted	Signature
M.Sc. I Sem-I	(Inorganic Chemistry) Paper No. HCT-101	Mrs. P. C. Dhale	Unit I: Chemistry of Transition Elements	
			Unit II A: Stereochemistry and Bonding	
		Dr. A. B. Shaikh	Unit II B: Inorganic Materials,	
			Unit III : Nuclear Chemistry	
		Mrs. P. C. Dhale	Unit IV: Metal cluster and metal carbonyl	
	(Organic Chemistry) Paper No. HCT-102	Mr. S. H. Patil	Unit I: Nature of bonding in organic molecule	
		Dr. D. K. Jamale	Unit II: Reaction mechanism Structure and reactivity	
		Dr. P. R. Kate	Unit III: Aliphatic Nucleophilic and Electrophilic substitutions Reactions	
		Mr. J. P. Vidhate	Unit IV: Stereochemistry	
	(Physical Chemistry) Paper No. HCT-103	Dr. R. S. Jangale	Unit I: Wave Mechanics	
		Ms. S. M. Thonge	Unit II: Chemical Thermodynamics	
		Ms. S. M. Thonge	Unit III: Thermodynamics of Solutions	
		Miss. N. K. Shaikh	Unit IV :Statistical Thermodynamics	
			Miss. N. K. Shaikh	Unit I: Statistical data analysis
(Analytical Chemistry-I) Paper No. SCT-104		Dr. A. B. Shaikh	Unit II A: Atomic absorption spectroscopy Unit II B: Inductively coupled plasma spectroscopy	
	Miss. N. K. Shaikh	Unit III: Electroanalytical Techniques		
	Dr. V. M. Gurame	Unit IV: Computer for Chemists		
		Dr. V. M. Gurame	Unit-I: Photo Chemistry	
M Sc I Sem II	Physical Chemistry Paper No. (DSC-3)	Dr. V. M. Gurame	Unit-II: Electro Chemistry	
		Dr. V. M. Gurame	Unit-III: Chemical Kinetics	
		Dr. V. M. Gurame	Unit-IV: Macro Molecules	
		Dr. D. K. Jamale	1. Aromatic Electrophilic and Nucleophilic Substitution Reaction	
	Dr. P. R. Kate	2. a. Addition to c-c and C-Hetero Multiple Bond		

			b. Elimination Reaction	
		Mr. J. P. Vidhate	3. Oxidation Reaction	<i>J.P. Vidhate</i>
		Mr. S. H. Patil	4. Reduction Reaction	<i>S.H. Patil</i>
	Inorganic Chemistry Paper No. (DSE-2A)	Ms. N. K. Shaikh	1. Chemistry of Non-Transition Elements	<i>N.K. Shaikh</i>
		Ms. P. C. Dhale	2. Organometallic Chemistry of Transition Elements	<i>P.C. Dhale</i>
		Ms. P. C. Dhale	3. a. Metal Ligand Equilibria in Solution b. Chemistry of Lanthanide and Actinides	<i>P.C. Dhale</i>
		Ms. P. C. Dhale	4. a. Metallurgy b. Bio-Inorganic Chemistry	<i>P.C. Dhale</i>

Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Academic Year-2022-23

Practical Work Completion w.e.f. 01-07-2022

Sr. No.	Name of Teacher	Subject	Practical batches Alloted	Signature
			M.Sc. I	
1.	Ms. P. C. Dhale	Inorganic Chemistry Practicals	One Batch (Two Day)	<i>P.C. Dhale</i>
2.	Miss. N. K. Shaikh	Organic Chemistry Practicals	One Batch (Two Day)	<i>N.K. Shaikh</i>
3.	Dr. V. M. Gurame	Physical Chemistry Practicals	One Batch (Two Day)	

V.M. Gurame
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Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Distribution of Work (2021-22)

M. Sc. I Analytical Chemistry (SEM-I & II)

Class & Semester	Paper No.	Name Of Teacher	Topics Allotted	Signature
M. Sc. I Sem I	Inorganic Chemistry- I Paper No. (HCT-101)	Ms. P. C. Dhale	Unit I: Chemistry of Transition Elements	(Handwritten signature)
		Dr. S. H. Gaikwad	Unit-II: Stereochemistry and Bonding Unit-II: B) Inorganic materials	(Handwritten signature)
		Dr. A. B. Shaikh	Unit-III: Nuclear Chemistry	
		Ms. P. C. Dhale	Unit- IV: Metal cluster and metal carbonyl	(Handwritten signature)
	Organic Chemistry-I Paper No. (HCT-102)	Mr. S. H. Patil	Unit I: Nature of Bonding in Organic Molecules	(Handwritten signature)
		Dr. D. K. Jamale	Unit II: Reaction Mechanism: Structure and Reactivity	(Handwritten signature)
		Dr. P. R. Kate	Unit III: Aliphatic Nucleophilic & Electrophilic Substitution reactions	(Handwritten signature)
		Mr. J. P. Vidhate	Unit IV: Stereochemistry	(Handwritten signature)
	Physical Chemistry-I Paper No. (HCT-103)	Ms. R. S. Jangale	Unit-I: Wave Mechanics	
		Miss. S. M. Thonge	Unit-II: Chemical Thermodynamics	
		Miss. S. M. Thonge	Thermodynamics of Solutions	
		Miss. S. M. Thonge	Unit-IV: Statistical Thermodynamics	
	Analytical Chemistry-I Paper No. (SCT-104)	Dr. T. N. Lokhande	Unit-1: Statistical data analysis	
		Ms. P. C. Dhale	Unit: II A Atomic spectroscopy B: Inductively coupled plasma spectroscopy	(Handwritten signature)
		Mr. J. P. Vidhate	Unit-III: Electroanalytical Techniques	
		Dr. V. M. Gurame	Unit-IV: Computer for Chemists	
		Ms. P. C. Dhale	Unit-I: Chemistry of Non-transition Elements	(Handwritten signature)

M. Sc. I Sem II	Inorganic Chemistry – II Paper No. (HCT - 201)	Ms. P. C. Dhale	Unit-II: Organometallic Chemistry of Transition Elements	Ashale 1/1/11
		Ms. P. C. Dhale	Unit-III: A) Metal- Ligand Equilibria in Solution	Ashale 1/1/11
		Dr. A. B. Shaikh	Unit-III: B) Chemistry of Lanthanides, Actinides	
		Dr. S. H. Gaiwad	Unit-IV: A) Metallurgy B) Bioinorganic Chemistry	2B
	Organic Chemistry-II Paper No. (HCT - 202)	Dr. D. K. Jamale	Unit I: Aromatic Electrophilic & Nucleophilic Substitution reactions	P
		Mr. J. P. Vidhate	Unit IIA: Addition to Carbon-Carbon and Carbon-Hetero multiple bond Unit II B: Elimination Reactions	21
		Mr. S. H. Patil	Unit III: Oxidation reactions	Spah
		Mr. S. H. Patil	Unit IV: Reduction reactions	Spah
	Physical Chemistry-II Paper No. (SCT - 203)	Mr M. D. Wakure	Unit-I: Photochemistry-I	
		Mr M. D. Wakure	Unit-II: Photochemistry- II	
		Ms. R. S. Jangale	Unit-III: Electrochemistry	25/6
		Dr. V. M. Gurame	Unit-IV: Chemical Kinetics	
	Analytical Chemistry-II Paper No. (OET-205)	Dr. P. R. Kate	Unit I: Infrared Spectroscopy	APU
		Dr. B. D. Sonawane	Unit II: Nuclear Magnetic Resonance Spectroscopy	
		Dr. B. D. Sonawane	Unit III A: C ¹³ -NMR Spectroscopy B: 2D- NMR Spectroscopy	
		Miss R. L. Payghan	Unit IVA: Mass Spectrometry Unit IV B: Problems based on joint application of IR, NMR & Mass spectroscopy	

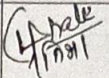
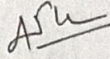

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Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Academic Year-2021-22

Practical Work Distribution w.e.f. 01-07-2021

Sr. No.	Name of Teacher	Subject	Practical batches Alloted	Signature
			M.Sc. I	
1.	Ms. P. C. Dhale	Inorganic Chemistry Practicals	One Batch (Two Day)	
2.	Dr. P. R. Kate	Organic Chemistry Practicals	One Batch (Two Day)	
3.	Dr. V. M. Gurame / Ms. R. S. Jangale	Physical Chemistry Practicals	One Batch (Two Day)	


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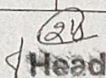
Department of Chemistry

Completion of Work (2021-22)

M. Sc. I Analytical Chemistry (SEM-I & II)

Class & Semester	Paper No.	Name Of Teacher	Topics Allotted	Signature
M. Sc. I Sem I	Inorganic Chemistry-I Paper No. (HCT-101)	Ms. P. C. Dhale	Unit I: Chemistry of Transition Elements	(Dhale)
		Dr. S. H. Gaikwad	Unit-II: A) Stereochemistry and Bonding Unit-II: B) Inorganic materials	(S.H. Gaikwad)
		Dr. A. B. Shaikh	Unit-III: Nuclear Chemistry	
		Ms. P. C. Dhale	Unit- IV: Metal cluster and metal carbonyl	(Dhale)
	Organic Chemistry-I Paper No. (HCT-102)	Mr. S. H. Patil	Unit I: Nature of Bonding in Organic Molecules	(S.H. Patil)
		Dr. D. K. Jamale	Unit II: Reaction Mechanism: Structure and Reactivity	(D.K. Jamale)
		Dr. P. R. Kate	Unit III: Aliphatic Nucleophilic & Electrophilic Substitution reactions	(P.R. Kate)
		Mr. J. P. Vidhate	Unit IV: Stereochemistry	(J.P. Vidhate)
	Physical Chemistry-I Paper No. (HCT-103)	Ms. R. S. Jangale	Unit-I: Wave Mechanics	(R.S. Jangale)
		Miss. S. M. Thonge	Unit-II: Chemical Thermodynamics	
		Miss. S. M. Thonge	Thermodynamics of Solutions	
		Miss. S. M. Thonge	Unit-IV: Statistical Thermodynamics	
	Analytical Chemistry-I Paper No. (SCT-104)	Dr. T. N. Lokhande	Unit-1: Statistical data analysis	
		Ms. P. C. Dhale	Unit: II A Atomic Spectroscopy B: Inductively coupled plasma spectroscopy	(Dhale)
		Mr. J. P. Vidhate	Unit-III: Electroanalytical Techniques	
		Dr. V. M. Gurame	Unit-IV: Computer for Chemists	
		Ms. P. C. Dhale	Unit-I: Chemistry of Non-transition Elements	(Dhale)
		Ms. P. C. Dhale	Unit-II: Organometallic Chemistry of Transition	(Dhale)

M. Sc. I Sem II	Inorganic Chemistry – II Paper No. (HCT - 201)	Ms. P. C. Dhale	Elements Unit-III: A) Metal- Ligand Equilibria in Solution	(H. hole 1/1/21)
		Dr. A. B. Shaikh	Unit-III: B) Chemistry of Lanthanides, Actinides	
		Dr. S. H. Gaikwad	Unit-IV: A) Metallurgy B) Bioinorganic Chemistry	Q.S.
	Organic Chemistry-II Paper No. (HCT - 202)	Dr. D. K. Jamale	Unit I: Aromatic Electrophilic & Nucleophilic Substitution reactions	P
		Mr. J. P. Vidhate	Unit IIA: Addition to Carbon–Carbon and Carbon –Hetero multiple bond Unit II B: Elimination Reactions	
		Mr. S. H. Patil	Unit III: Oxidation reactions	Spah
		Mr. S. H. Patil	Unit IV: Reduction reactions	Spah
	Physical Chemistry-II Paper No. (SCT – 203)	Mr M. D. Wakure	Unit-I: Photochemistry-I	
		Mr M. D. Wakure	Unit-II: Photochemistry- II	
		Ms. R. S. Jangale	Unit-III: Electrochemistry	(R.S.)
		Dr. V. M. Gurame	Unit-IV: Chemical Kinetics	
	Analytical Chemistry-II Paper No. (OET-205)	Dr. P. R. Kate	Unit I: Infrared Spectroscopy	ASW
		Dr. B. D. Sonawane	Unit II: Nuclear Magnetic Resonance Spectroscopy	
		Dr. B. D. Sonawane	Unit III A: C ¹³ -NMR Spectroscopy B: 2D- NMR Spectroscopy	
		Miss R. L. Payghan	Unit IVA: Mass Spectrometry Unit IV B: Problems based on joint application of IR, NMR & Mass spectroscopy	

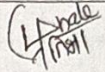
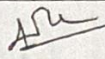


 Head
 Department of Chemistry
 Shri Shivaji Mahavidyalaya,
 Barshi- 413411


Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Academic Year-2021-22

Practical Work Completion w.e.f. 01-07-2021

Sr. No.	Name of Teacher	Subject	Practical batches Alloted	Signature
			M.Sc. I	
1.	Ms. P. C. Dhale	Inorganic Chemistry Practicals	One Batch (Two Day)	
2.	Dr. P. R. Kate	Organic Chemistry Practicals	One Batch (Two Day)	
3.	Dr. V. M. Gurame / Ms. R. S. Jangale	Physical Chemistry Practicals	One Batch (Two Day)	

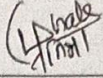

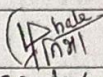
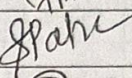
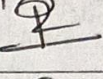
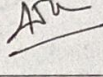
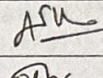


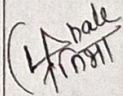
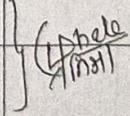

Head
Department of Chemistry
Shri Shivaji Mahavidyalaya,
Barshi- 413411

Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Work Distribution Report (2020-21)

M. Sc. I Analytical Chemistry (SEM-I & II)

Class & Semester	Paper No.	Name Of Teacher	Topics Allotted	Signature
M. Sc. I Sem I	Inorganic Chemistry-I Paper No. (HCT-101)	Ms. P. C. Dhale	Unit I: Chemistry of Transition Elements	
		Dr. S. H. Gaikwad	Unit-II: A) Stereochemistry and Bonding Unit-II: B) Inorganic materials	
		Dr. A. B. Shaikh	Unit-III: Nuclear Chemistry	
		Ms. P. C. Dhale	Unit-IV: Metal cluster and metal carbonyl	
	Organic Chemistry-I Paper No. (HCT-102)	Mr. S. H. Patil	Unit I: Nature of Bonding in Organic Molecules	
		Dr. D. K. Jamale	Unit II: Reaction Mechanism: Structure and Reactivity	
		Dr. P. R. Kate	Unit III: Aliphatic Nucleophilic & Electrophilic Substitution reactions	
		Dr. P. R. Kate	Unit IV: Stereochemistry	
	Physical Chemistry-I Paper No. (HCT-103)	Ms. R. S. Jangale	Unit-I: Wave Mechanics	
		Dr. V. M. Gurame/Miss. S. M. Thonge	Unit-II: Chemical Thermodynamics	
		Ms. R. S. Jangale	Unit-III: Thermodynamics of Solutions	
		Dr. V. M. Gurame	Unit-IV: Statistical Thermodynamics	
	Analytical Chemistry-I Paper No. (SCT-104)	Dr. T. N. Lokhande	Unit-I: Statistical data analysis	
		Ms. P. C. Dhale	Unit: II A: Atomic Dr. A. B. Shaikhorption spectroscopy Unit II B: Inductively coupled plasma spectroscopy	
		Unit-III: Electroanalytical Techniques		
Dr. V. M. Gurame		Unit-IV: Computer for Chemists		
Inorganic Chemistry – II Paper No. (HCT - 201)	Ms. P. C. Dhale	Unit-I: Chemistry of Non- transition Elements		
	Ms. P. C. Dhale	Unit-II: Organometallic Chemistry of Transition Elements		

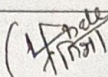


M. Sc. I Sem II		Ms. P. C. Dhale	Unit-III: A) Metal-Ligand Equilibria in Solution Unit-III: B) Chemistry of Lanthanides, Actinides	(L) Dhale 1/2021
		Dr. S. H. Gaikwad	Unit-IV: A) Metallurgy B) Bioinorganic Chemistry	SB
	Organic Chemistry-II Paper No. (HCT - 202)	Dr. D. K. Jamale	Unit I: Aromatic Electrophilic & Nucleophilic Substitution reactions	P
		Dr. D. K. Jamale	Unit IIA: Addition to Carbon-Carbon and Carbon-Hetero multiple bond Unit II B: Elimination Reactions	P
		Mr. S. H. Patil	Unit III: Oxidation reactions	SPahn
		Mr. S. H. Patil	Unit IV: Reduction reactions	SPahn
	Physical Chemistry-II Paper No. (SCT - 203)	Dr. V. M. Gurame/Ms. R. S. Jangale	Unit-I: Photochemistry-I	.
		Dr. V. M. Gurame/Ms. R. S. Jangale	Unit-II: Photochemistry-II	.
		Dr. V. M. Gurame/Ms. R. S. Jangale	Unit-III: Electrochemistry	RSJ
		Dr. V. M. Gurame/Ms. R. S. Jangale	Unit-IV: Chemical Kinetics	RSJ
	Analytical Chemistry-II Paper No. (OET-205)	Dr. P. R. Kate	Unit I: Infrared Spectroscopy	ASU
		Dr. P. R. Kate	Unit II: Nuclear Magnetic Resonance Spectroscopy	ASU
		Dr. P. R. Kate	Unit III A: C ¹³ -NMR Spectroscopy B: 2D- NMR Spectroscopy	ASU
		Dr. P. R. Kate	Unit IVA: Mass Spectrometry Unit IV B: Problems based on joint application of IR, NMR & Mass spectroscopy	ASU


Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Academic Year-2020-21

Practical Work Distribution w.e.f. 01-07-2021

Sr. No.	Name of Teacher	Subject	Practical batches Alloted	Signature
			M.Sc. I	
1.	Ms. P. C. Dhale	Inorganic Chemistry Practicals	One Batch (Two Day)	
2.	Dr. P. R. Kate	Organic Chemistry Practicals	One Batch (Two Day)	
3.	Dr. V. M. Gurame / Ms. R. S. Jangale	Physical Chemistry Practicals	One Batch (Two Day)	


Head
Department of Chemistry
Shri Shivaji Mahavidyalaya,
Barshi- 413411

Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Completion of Work (2020-21)

M. Sc. I Analytical Chemistry (SEM-I & II)

Class & Semester	Paper No.	Name Of Teacher	Topics Allotted	Signature
M. Sc. I Sem I	Inorganic Chemistry-I Paper No. (HCT-101)	Ms. P. C. Dhale	Unit I: Chemistry of Transition Elements	
		Dr. S. H. Gaikwad	Unit-II: A) Stereochemistry and Bonding Unit-II: B) Inorganic materials	
		Dr. A. B. Shaikh	Unit-III: Nuclear Chemistry	
		Ms. P. C. Dhale	Unit-IV: Metal cluster and metal carbonyl	
	Organic Chemistry-I Paper No. (HCT-102)	Mr. S. H. Patil	Unit I: Nature of Bonding in Organic Molecules	
		Dr. D. K. Jamale	Unit II: Reaction Mechanism: Structure and Reactivity	
		Dr. P. R. Kate	Unit III: Aliphatic Nucleophilic & Electrophilic Substitution reactions	
		Dr. P. R. Kate	Unit IV: Stereochemistry	
	Physical Chemistry-I Paper No. (HCT-103)	Ms. R. S. Jangale	Unit-I: Wave Mechanics	
		Miss. S. M. Thonge	Unit-II: Chemical Thermodynamics	
		Ms. R. S. Jangale	Unit-III: Thermodynamics of Solutions	
		Dr. V. M. Gurame	Unit-IV: Statistical Thermodynamics	
	Analytical Chemistry-I Paper No. (SCT-104)	Dr. T. N. Lokhande	Unit-1: Statistical data analysis	
		Ms. P. C. Dhale	Unit: II A: Atomic Dr. A. B. Shaikh spectroscopy Unit II B: Inductively coupled plasma spectroscopy	
			Unit-III: Electroanalytical Techniques	
		Dr. V. M. Gurame	Unit-IV: Computer for Chemists	
Inorganic Chemistry - II	Ms. P. C. Dhale	Unit-I: Chemistry of Non-transition Elements		

M. Sc. I Sem II	Paper No. (HCT - 201)	Ms. P. C. Dhale	Unit-II: Organometallic Chemistry of Transition Elements	<i>P. Dhale</i>
		Ms. P. C. Dhale	Unit-III: A) Metal- Ligand Equilibria in Solution Unit-III: B) Chemistry of Lanthanides, Actinides	<i>P. Dhale</i>
		Dr. S. H. Gaikwad	Unit-IV: A) Metallurgy B) Bioinorganic Chemistry	<i>AS</i>
	Organic Chemistry-II Paper No. (HCT - 202)	Dr. D. K. Jamale	Unit I: Aromatic Electrophilic & Nucleophilic Substitution reactions	<i>P</i>
		Dr. D. K. Jamale	Unit IIA: Addition to Carbon-Carbon and Carbon-Hetero multiple bond Unit II B: Elimination Reactions	<i>P</i>
		Mr. S. H. Patil	Unit III: Oxidation reactions	<i>S. Patil</i>
		Mr. S. H. Patil	Unit IV: Reduction reactions	<i>S. Patil</i>
	Physical Chemistry-II Paper No. (SCT - 203)	Dr. V. M. Gurame/Ms. R. S. Jangale	Unit-I: Photochemistry-I	
		Ms. R. S. Jangale	Unit-II: Photochemistry-II	
		Ms. R. S. Jangale	Unit-III: Electrochemistry	<i>RSJ</i>
		Ms. R. S. Jangale	Unit-IV: Chemical Kinetics	<i>RSJ</i>
	Analytical Chemistry-II Paper No. (OET-205)	Dr. P. R. Kate	Unit I: Infrared Spectroscopy	<i>ASK</i>
		Dr. P. R. Kate	Unit II: Nuclear Magnetic Resonance Spectroscopy	<i>ASK</i>
		Dr. P. R. Kate	Unit III A: C ¹³ -NMR Spectroscopy B: 2D- NMR Spectroscopy	<i>ASK</i>
		Dr. P. R. Kate	Unit IVA: Mass Spectrometry Unit IV B: Problems based on joint application of IR, NMR & Mass spectroscopy	<i>ASK</i>

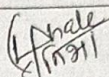


AS
Head
Department of Chemistry
Shri Shivaji Mahavidyalaya,
Barshi- 433411

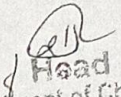
Shri Shivaji Mahavidyalaya, Barshi

Department of Chemistry

Academic Year-2020-21

Practical Work Completion w.e.f. 01-07-2021

Sr. No.	Name of Teacher	Subject	Practical batches Alloted	Signature
			M.Sc. I	
1.	Ms. P. C. Dhale	Inorganic Chemistry Practicals	Batch (Two Day)	
2.	Dr. P. R. Kate	Organic Chemistry Practicals	One Batch (Two Day)	
3.	Dr. V. M. Gurame / Ms. R. S. Jangale	Physical Chemistry Practicals	One Batch (Two Day)	


Head
Department of Chemistry
Shri Shivaji Mahavidyalaya,
Barshi- 413411

REPORT SUMMARY

Paper Wise Mark List (Against Seat Number)

This report contains Paper Wise Mark List (against Seat Number) of 95 Students.

Course	B.Sc.(with Credits) - Regular-Choice Based Credit System-B.Sc.-III-Sem-VI
Exam Event	Mar-2021
Teaching Learning Method/Assessment Method/Type	Chemistry Practical (201611)-Practical- Laboratory-University Assessment-Not Applicable

ADEC Name : Shri Shivaji Mahavidyalaya (SMB)

Date : 08-03-2021

-----END OF SUMMARY - DETAILED REPORT BEGINS-----

Signature: <i>[Handwritten Signature]</i>	Signature:	Signature:
Name: <i>Patil S.H.</i>	Name:	Name:
Designation: <i>Associate professor</i>	Designation:	Designation:
Date:	Date:	Date:

DATA EXPORTED DATE: DATA IS NOT YET EXPORTED

Punyashlok Ahilyadevi Holkar Solapur University

Exam Event Mar-2021

User Name: All Users

Course: B.Sc (with Credits) - Regular-Choice Based Credit System-B.Sc.-III-Sem-VI

Paper: Chemistry Practical (201611)

Practical- Laboratory-University Assessment

Max Marks: 280

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
1611311	194	1611364	167	1710942	233
1711057	177	1711126	208	1711140	227
1721978	223	1723164	179	1818311	200
1818324	248	1818328	233	1818329	250
1818334	200	1818343	246	1818366	260
1818367	269	1818388	252	1818391	236
1818407	251	1818418	232	1818421	235
1818423	213	1818425	233	1818439	227
1818441	230	1818446	255	1818459	178
1818463	212	1818467	181	1818476	267
1818484	233	1818491	238	1818512	182
1818517	184	1818518	226	1818521	235
1818526	250	1818528	249	1818529	256
1818535	239	1818543	258	1818549	223
1818550	203	1818558	238	1818566	253
1818577	206	1818599	248	1818600	232
1818669	246	1818673	257	1818695	252
1818696	234	1818710	253	1818718	224
1818727	174	1818728	206	1818729	235
1818732	236	1818733	246	1818736	195
1818737	236	1818739	238	1818746	206
1818750	203	1818757	198	1818758	248
1818763	197	1818770	183	1818797	202
1818800	229	1818831	268	1818838	179
1818844	245	1818849	246	1818852	196
1818853	267	1818904	250	1818909	250
1818913	222	1818916	245	1818921	262
1818922	220	1818937	206	1818956	230
1818957	204	1818990	249	1818992	246

Signature: <i>[Handwritten Signature]</i>	Signature:	Signature:
Name: <i>Pahl S H</i>	Name:	Name:
Designation: <i>Associate Professor</i>	Designation:	Designation:
Date:	Date:	Date:

DATA EXPORTED DATE DATA IS NOT YET EXPORTED

Report generated by c32545 on Tuesday, August 3, 2021 11:03:39 AM

Punyashlok Ahilyadevi Holkar Solapur University

Exam Level: Mar 2021

User Name: All Users

Course: B.Sc. (with Credits) - Regular Choice Based Credit System-B.Sc. III-Sem. VI

Paper: Chemistry Practical (201611)

Practical-Laboratory University Assessment

Max Marks: 280

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
1819001	227	1819009	249	1819015	175
1819035	243	1819077	213	1819107	252
1821793	196	1821795	171		

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Name: <i>[Handwritten Name]</i>	Name	Name
Designation: <i>[Handwritten Designation]</i>	Designation	Designation
Date	Date	Date

Paper Wise Mark List (Against Seat Number)

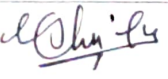


contains Paper Wise Mark List (against Seat Number) of 336 Students.

	B.Sc.(with Credits) - Regular-Choice Based Credit System-B.Sc.-I-Sem-II
Event	Mar-2019
Learning Method/Assessment Method/Type	Chemistry Practical (201227)-Practical- Laboratory-College Assessment-Not Applicable

JEC Name : Shri Shivaji Mahavidyalaya (SMB)

Date : 04-01-2019

-----END OF SUMMARY - DETAILED REPORT BEGINS-----

Signature: 	Signature:  Dr. T. N. Lokhande M. Sc. Ph. D. Head, Dept. of Chemistry Shri Shivaji Mahavidyalaya Barshi - 413411, Dist. Solapur	Signature:  Name: PRINCIPAL Designation: Shri Shivaji Mahavidyalaya, Date: Barshi, Dist. Solapur-413411.
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Punyashlok Ahilyadevi Holkar Solapur University

11 Mar-2019

User Name: c32534_ade1

B.Sc.(with Credits) - Regular-Choice Based Credit System-B Sc.-I-Sem-II

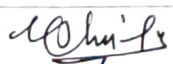
Chemistry Practical(201227)


cal- Laboratory-College Assessment


Max Marks: 30

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
807300	22	807301	23	807302	22
807303	23	807304	24	807305	17
807306	24	807307	23	807308	22
807309	30	807310	30	807311	30
807312	30	807313	22	807314	30
807315	29	807316	27	807317	30
807318	28	807319	22	807320	28
807321	25	807322	30	807323	27
807324	30	807325	27	807326	30
807327	29	807328	30	807329	28
807330	27	807331	29	807332	30
807333	30	807334	28	807335	30
807336	28	807337	29	807338	29
807339	26	807340	28	807341	29
807342	27	807343	24	807344	28
807345	24	807346	24	807347	28
807348	27	807349	28	807350	28
807351	29	807352	17	807353	30
807354	25	807355	24	807356	27
807357	26	807358	28	807359	24
807360	26	807361	27	807362	29
807363	29	807364	27	807365	29
807366	27	807367	24	807368	27
807369	27	807370	27	807371	28
807372	28	807373	25	807374	23
807375	20	807376	26	807377	28
807378	25	807379	28	807380	25
807381	29	807382	27	807383	27
807384	28	807385	27	807386	28

Signature: 
 Name: Dr. Shaikh A.B.
 Designation: Associate professor
 Date: 2/4/2019

Signature: 
 Name: Dr. T. H. Lokhande
 Designation: M. Sc. Ph. D.
 Date: Barshi - 413411, Dis. Solapur

Signature: 
 Name: PRINCIPAL
 Designation: Shri Shivar Mahavidyalaya,
 Date: Barshi, Dist. Solapur-413411.

Punyashlok Ahilyadevi Holkar Solapur University

Mar-2019

User Name: c32534_ade1

B.Sc.(with Credits) - Regular-Choice Based Credit System-B.Sc.-I-Sem-II


Chemistry Practical (201227)

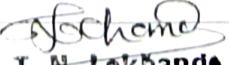
Practical- Laboratory-College Assessment

Max Marks: 30

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
807387	25	807388	17	807389	24
807390	25	807391	28	807392	22
807393	22	807394	26	807395	28
807396	27	807397	27	807398	25
807399	26	807400	28	807401	26
807402	23	807403	26	807404	21
807405	21	807406	28	807407	23
807408	26	807409	27	807410	28
807411	23	807412	25	807413	26
807414	27	807415	23	807416	24
807417	23	807418	28	807419	27
807420	27	807421	30	807422	24
807423	26	807424	20	807425	24
807426	24	807427	24	807428	24
807429	23	807430	23	807431	24
807432	25	807433	23	807434	24
807435	23	807436	23	807437	23
807438	25	807439	23	807440	22
807441	24	807442	23	807443	22
807444	27	807445	22	807446	24
807447	30	807448	23	807449	24
807450	24	807451	28	807452	28
807453	27	807454	25	807455	29
807456	27	807457	30	807458	28
807459	27	807460	28	807461	20
807462	25	807463	28	807464	27
807465	28	807466	28	807467	30
807468	28	807469	26	807470	29
807471	28	807472	30	807473	28

Signature: 
 Name: Dr. Shaikh A.B.
 Designation: Associate professor
 Date: 2/4/2019

Signature: 
 Name: Dr. I. N. Lakhanda
 M. Sc. Ph. D.
 Head, Dept. of Chemistry
 Shri Shivaji Mahavidyalaya
 Barshi - 413411, Dist. Solapur
 Date:

Signature: 
 Name:
 Designation: PRINCIPAL
 Date: Shri Shivaji Mahavidyalaya,
 Barshi, Dist. Solapur-413411.

Mar-2019

User Name: c32534_ade1

B.Sc.(with Credits) - Regular-Choice Based Credit System-B.Sc.-I-Sem-II


Chemistry Practical (201227)

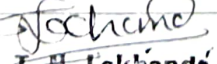
Practical- Laboratory-College Assessment


Max Marks: 30

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
807474	29	807475	28	807476	28
807477	29	807478	29	807479	29
807480	27	807481	28	807482	28
807483	27	807484	28	807485	27
807486	19	807487	28	807488	28
807489	28	807490	28	807491	27
807492	30	807493	23	807494	30
807495	30	807496	30	807497	22
807498	22	807499	22	807500	24
807501	24	807502	24	807503	30
807504	25	807505	23	807506	22
807507	30	807508	20	807509	23
807510	30	807511	27	807512	27
807513	24	807514	22	807515	25
807516	26	807517	27	807518	23
807519	22	807520	25	807521	23
807522	25	807523	27	807524	26
807525	23	807535	AB	807542	17
807551	24	807552	17	807553	22
807554	25	807555	26	807556	25
807557	27	807558	28	807559	28
807560	26	807564	24	807565	28
807566	28	807567	26	807568	23
807569	26	807570	26	807571	26
807572	24	807573	24	807574	28
807575	26	807576	25	807577	25
807578	26	807579	29	807580	25
807581	23	807582	23	807583	24
807584	26	807585	24	807586	25

Signature: 
 Name: Dr. Shaikh AB
 Designation: Associate professor
 Date: 21/4/2019

Signature: 
 Name: Dr. T. H. Lokhande
 Designation: Professor
 Date: 21/4/2019

Signature: 
 Name: PRINCIPAL
 Designation: Shri Shivaji Mahavidyalaya,
 Barshi, Dist. Solapur-413411.
 Date:

Mar-2019

User Name: c32534_ade1

B.Sc.(with Credits) - Regular-Choice Based Credit System-B.Sc.-I-Sem-II

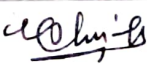
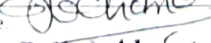

Chemistry Practical (201227)

Lab- Laboratory-College Assessment

Max Marks: 30

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
807587	26	807588	21	807589	22
807590	24	807591	30	807592	28
807593	29	807594	28	807595	30
807596	29	807597	30	807598	29
807599	30	807600	29	807601	24
807602	30	807603	26	807604	29
807605	30	807606	30	807607	24
807608	28	807609	29	807610	24
807611	24	807612	29	807613	26
807614	30	807615	25	807616	29
807617	29	807618	30	807619	30
807620	29	807621	24	807622	28
807623	27	807624	27	807625	29
807626	28	807627	30	807628	30
807629	23	807630	27	807631	30
807632	30	807633	30	807634	25
807635	27	807636	24	807637	24
807638	30	807639	24	807640	25
807641	23	807642	29	807643	22
807644	29	807645	30	807646	30
807647	24	807648	30	807649	30
807650	23	807651	30	807652	24
807653	24	807654	30	807663	24
808339	23	808340	23	808342	22
808411	28	808412	26	808424	20

Signature: 	Signature:  Dr. J. H. Lokhande M. Sc. Ph. D. Head, Dept. of Chemistry Shri Shivaji Mahavidyalaya Barshi - 413411, Dist. Solapur	Signature:  PRINCIPAL Shri Shivaji Mahavidyalaya, Barshi, Dist. Solapur-413411.
Name: Dr. Shankh A M	Name: Dr. J. H. Lokhande	Name: PRINCIPAL
Designation: Associate Prof.	Designation: Head, Dept. of Chemistry	Designation: Shri Shivaji Mahavidyalaya,
Date: 2/4/2019	Date: Barshi - 413411, Dist. Solapur	Date: Barshi, Dist. Solapur-413411.

FLN 11.2

REPORT SUMMARY

Paper Wise Mark List (Against Seat Number)


This report contains Paper Wise Mark List (against Seat Number) of 217 Students.


Course	B.Sc(Hons)(with Credits) - Regular-CBCS Pattern 2019-B.Sc.-I-Sem-II
Exam Event	Mar-2021
Teaching Learning Method/Assessment Method/Type	Chemistry Practical (19201210)-Practical Laboratory-University Assessment-Not Applicable

ADEC Name : Shri Shivaji Mahavidyalaya (SMB)

Date : 08-11-2021

END OF SUMMARY - DETAILED REPORT BEGINS

Signature: 
Name: Dr. Shaikh AB
Designation: Professor
Date: 11.8.2021

Signature: 
Name: Dr. T. N. Lokhande
M. Sc. Ph. D.
Designation: Head, Dept. of Chemistry
Shri Shivaji Mahavidyalaya
Date: Karshi - 413411, Dist. Solapur

Signature: _____
Name: _____
Designation: _____
Date: _____

DATA EXPORTED DATE: DATA IS NOT YET EXPORTED

Report generated by smb_Ades on Wednesday, August 11, 2021, 2:44:31 PM

Punyashlok Ahilyadevi Holkar Solapur University

Exam Event: Mar-2021

User Name: All Users

Course: B.Sc(Hons)(with Credits) - Regular-CBCS Pattern 2019-B.Sc.-I-Sem-II

Paper: Chemistry Practical (19201210)

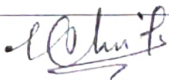
Practical- Laboratory-University Assessment

Max Marks: 80


Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
1909502	52	1909572	64	1909699	58
1909755	68	1909785	62	2005122	60
2005123	62	2005124	36	2005126	68
2005127	68	2005128	68	2005129	68
2005130	64	2005131	68	2005133	12
2005134	66	2005135	70	2005136	66
2005137	67	2005138	62	2005139	58
2005144	54	2005146	67	2005147	70
2005148	72	2005149	72	2005150	70
2005151	68	2005152	70	2005156	68
2005158	44	2005159	64	2005161	60
2005164	68	2005167	70	2005169	58
2005170	62	2005171	70	2005173	62
2005174	66	2005175	70	2005177	67
2005178	62	2005180	50	2005181	56
2005206	68	2005212	70	2005226	68
2005229	66	2005231	70	2005232	71
2005233	32	2005234	58	2005235	68
2005236	66	2005237	64	2005238	66
2005239	68	2005240	32	2005242	69
2005247	67	2005250	70	2005254	70
2005255	68	2005256	67	2005257	66
2005258	62	2005259	16	2005260	66
2005261	66	2005262	68	2005264	68
2005265	64	2005266	68	2005267	70
2005268	71	2005271	70	2005272	60
2005274	68	2005276	60	2005277	64
2005278	64	2005281	56	2005283	68
2005288	67	2005289	66	2005290	67

Signature:



Signature:



Dr. T. N. Lokhande

Signature:

Name:

Name:

M. Sc. Ph. D.

Designation:

Designation:

Head, Dept. of Chemistry
Devi Ahilyadevi Mahavidyalaya

Date:

Date:

Varshi - 413411, Dist. Solapur

Name:

Designation:

Date:

DATA EXPORTED DATE: DATA IS NOT YET EXPORTED

Report generated by smb_Ades on Wednesday, August 11, 2021, 2:44:31 PM

Punyashlok Ahilyadevi Holkar Solapur University

Exam Event: Mar-2021

User Name: All Users

Course: B.Sc(Hons)(with Credits) - Regular-CBCS Pattern 2019-B.Sc.-I-Sem-II

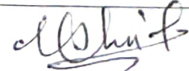
Paper: Chemistry Practical (19201210)

Practical- Laboratory-University Assessment

Max Marks: 80

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
2005296	66	2005320	67	2005322	68
2005368	66	2005373	54	2005439	70
2005771	66	2005831	67	2005834	66
2005835	40	2005837	42	2005838	64
2005849	68	2005851	70	2005852	56
2005853	68	2005854	70	2005879	70
2005880	68	2005881	66	2005882	48
2005884	68	2005885	44	2005886	68
2005887	58	2005888	68	2005889	66
2005890	64	2005891	68	2005892	68
2005893	66	2005894	66	2005896	68
2005898	60	2005899	64	2005900	66
2005902	68	2005903	56	2005906	66
2005907	66	2005908	58	2005909	68
2005910	60	2005911	66	2005912	62
2005915	50	2005917	62	2005918	68
2005920	58	2005921	AB	2005922	66
2005923	50	2005924	66	2005925	68
2005926	68	2005929	66	2005930	60
2005931	66	2005932	66	2005934	62
2005935	60	2005937	64	2005964	64
2005966	65	2005967	AB	2006023	66
2006024	66	2006025	68	2006027	64
2006028	48	2006098	62	2006102	64
2006553	64	2006595	52	2006694	64
2006695	68	2006696	60	2006699	54
2006700	66	2007102	54	2007105	64
2007107	68	2008587	68	2008592	64
2008594	68	2008740	65	2009862	68

Signature: 

Name:

Designation:

Date:

Signature: 

Dr. T. N. Lokhande

M. Sc. Ph. D.

Name:

Head, Dept of Chemistry

Shri Shiv ji Mahavidyalaya

Sarshi - 413411, Dist. Solapur

Date:

Signature:

Name:

Designation:

Date:

DATA EXPORTED DATE: DATA IS NOT YET EXPORTED

Report generated by smb_Ades on Wednesday, August 11, 2021, 2:44:31 PM

Punyashlok Ahilyadevi Holkar Solapur University

Exam Event: Mar-2021

User Name: All Users

Course: B.Sc(Hons)(with Credits) - Regular-CBCS Pattern 2019-B.Sc.-I-Sem-II

Paper: Chemistry Practical (19201210)

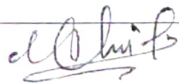
Practical- Laboratory-University Assessment

Max Marks: 80

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
2012012	64	2012013	64	2012628	67
2012629	66	2012631	64	2012632	62
2012634	66	2012962	44	2013365	67
2013366	72	2013367	64	2013368	70
2013370	68	2013371	68	2013372	66
2013373	64	2013376	40	2013860	65
2013863	66	2013864	68	2013865	66
2013904	60	2013908	60	2014382	58
2014386	65	2014388	64	2014389	64
2014390	68	2014392	48	2014398	68
2014399	68	2014401	50	2014404	70
2014407	64	2014904	64	2014905	66
2014906	36	2015176	60	2015177	68
2015180	62	2015182	66	2015183	67
2015184	64				

Signature:

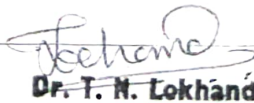


Name:

Designation:

Date:

Signature:



Dr. T. N. Lokhande

M. Sc. Ph. D.

Head, Dept. of Chemistry

Shri Shiv Ji Mahavidyalaya

Barshi - 413411, Dist. Solapur

Date:

Signature:

Name:

Designation:

Date:

DATA EXPORTED DATE: DATA IS NOT YET EXPORTED

Report generated by smd. Ades on Wednesday, August 11, 2021, 2:44:31 PM



Punyashlok Ahilyadevi Holkar Solapur University

Dnyanteerth Nagar, Kegaon, Solapur-Pune National Highway, Solapur- 413255, Maharashtra (India)
https://su.digitaluniversity.ac/

Blank Mark List For
B.Sc(Hons)(with Credits) - Regular-CBCS Pattern 2019 - B.Sc.-II - Sem-IV For Mar-2022
College : Shri Shivaji Mahavidyalaya (SMB), Shivaji Nagar, Barshi, Barshi, Solapur Pin: 413411

Paper Name: Chemistry Practical (19201409)	Practical UA (Max Mark: 80 Min Mark: 32)	Count of Student: 166
---	---	-----------------------

Sr. No.	Seat Number	PRN	Student Name	Marks	Total
1	005124	2020032500051242	PATANGE VAISHNAV BHAGWAN	V.B. Patang	52
2	005126	2020032500051265	WAGHMODE SHWETA BHAU	Wsb	61
3	005127	2020032500051273	MASTUD KRANTI BHASKAR	K.B. Mastud	66
4	005128	2020032500051281	BIKKAD JYOTI DATTATRAY	Jyoti	69
5	005129	2020032500051296	PAWAR AKSHATA BALASAHEB	Akshata	55
6	005130	2020032500051307	UKIRADE AMRUTA DATTATRAYA	Amruta	58
7	005131	2020032500051315	BANKAR SAGAR SANTOSH	S.S. Bankar	44
8	005133	2020032500051331	HADNURE SAKSHI VJAY	S.V. Hadnur	55
9	005134	2020032500051346	KADAM PRADNYA NAGANATH	Pradnyam	67
10	005135	2020032500051354	KATAKE ROHAN SANTOSH	Rohank	58
11	005137	2020032500051377	BURGUTE YASHWANT SUNIL	Yashwant	49
12	005144	2020032500051443	DOIPHODE MINAL MARUTI	Minal	59
13	005146	2020032500051466	THAVARE PRIYANKA VITTHAL	Priyanka	60
14	005147	2020032500051474	KOLHE NEHA NAGNATH	Neha	64
15	005148	2020032500051482	PINGORE AMARAJA GANESH	Amaraj	67
16	005149	2020032500051497	TAKLE KIRAN RAJENDRA	Kiran	54
17	005150	2020032500051501	VETAL SURAJ ARUN	Suraj	70
18	005151	2020032500051516	PUJARI ROHAN GANESH	Rohan	58
19	005156	2020032500051563	FARTADE SANTOSH BHIMRAO	Santosh	61
20	005158	2020032500051586	GAIKWAD GOURI DHANAJI	Gauri	59
21	005161	2020032500051613	GAIKWAD VAIBHAVI NAGNATH	Vaibhavi	60
22	005164	2020032500051644	GAVALI PRITI RAJENDRA	Priti	60
23	005167	2020032500051675	PATIL GAJANAN BALASAHEB	Gajanant	62
24	005171	2020032500051717	MASKE VAISHNAVI DATTATRAY	Vaishnavi	57
25	005173	2020032500051733	SHIKALKAR ALISHA FARUK	Alisha	67
26	005174	2020032500051741	AGALAVE PRATIK CHANGDEO	Pratik	57
27	005178	2020032500051787	PATIL PURVA PRADIP	Purva	67 67
28	005180	2020032500051806	SHAIKH ALISHA ALAMGIR	Alisha	60
29	005181	2020032500051814	PANKE SOMANATH FULAJI	Ab	—
30	005206	2020032500052067	SHELAR GAURAV RAJENDRA	Gaurav	54

Seal

Instruction

1. While entering the marks, please ensure a clear, legible hand-writing, without any scratches or over-writing.
2. In case of scratches, over-writing or corrections, please re-write the marks separately with

31	005226	2020032500052261	KADAM PRITI SOMNATH	Petti	74	
32	005229	2020032500052292	CHOURE DINESH MAHADEV	Choure D.M.	50	
33	005232	2020032500052326	JAGDALE NANDINI DIPAK	Jagdale	73	=73
34	005233	2020032500052334	MANE SUYASH SAMBHAJI	S.S. Mane	43	
35	005234	2020032500052342	GHALKE SANKET SURESH	Ghalke S.S.	46	
36	005236	2020032500052365	MORE TORAN SHASHIKANT	More	67	
37	005237	2020032500052373	SHAIKH ILIYAS MAHEMUD	Shaikh	59	
38	005239	2020032500052396	SARVADE SRUSHTI BALASAHEB	Sarwade	67	
39	005242	2020032500052423	TAKBHATE PRITHVIRAJ LAXMAN	Takhat	67	
40	005254	2020032500052543	SWAMI SNEHA NANDKUMAR	Shel	55	
41	005256	2020032500052566	WAGHMARE SUJIT JALINDAR	Waghmare	68	
42	005258	2020032500052582	TAWASKAR SHIVRAJ SHIVLING	Tawaskar	Tawaskar	54
43	005260	2020032500052601	AATKARE ASMITA BABASAHEB	Aatkar	Aatkar	61
44	005261	2020032500052616	GAVHANE NIVRUTI SANTOSH	Gavhane	Gavhane	51
45	005262	2020032500052624	MORE CHAITALI BALIRAM	More	More	58
46	005264	2020032500052647	JAGDALE PRATIK SANTOSH	Jagdale	Jagdale	63
47	005265	2020032500052655	RAJBHOJ ANKITA RAJENDRA	Rajbhaj	Rajbhaj	52
48	005266	2020032500052663	DHANKE DURGA MARUTI	D.M. Dhanke	D.M. Dhanke	68
49	005267	2020032500052671	BAGWAN ANJUM RIYAJ	Bagwan	Bagwan	54
50	005268	2020032500052686	SOREGAONKAR MAYUR KRUSHNA	More	More	52
51	005272	2020032500052721	DAHIWAL RENUKA SATISH	Dahiwal	Dahiwal	59
52	005274	2020032500052744	SHINDE MAYUR RAJENDRA	Shinde	Shinde	59
53	005278	2020032500052783	DHAGE ANKITA ANIL	Dhage A.A.	Dhage A.A.	57
54	005281	2020032500052817	CHAUDHARI ROHAN GOVIND	Chaud	Chaud	55
55	005283	2020032500052833	DESHMUKH PRATIKSHA PRATAP	Deshmukh	Deshmukh	62
56	005288	2020032500052887	DIXIT PRADNYA ANAND	Dixit	Dixit	65
57	005290	2020032500052906	KARADE AJAY SANJAY	Karade	Karade	71
58	005296	2020032500052961	TAKBHATE PRATIKSHA SANJAY	Takhat	Takhat	75
59	005320	2020032500053202	SHINDE AKANKSHA HANUMANT	Akanksha	Akanksha	70
60	005322	2020032500053225	SAGARE GAYATRI SOMNATH	Sagare	Sagare	68
61	005368	2020032500053682	KAKADE ABHIJIT VIJAY	Kakade	Kakade	76
62	005373	2020032500053732	KHATAL SANJAY SAUDAGAR	AB	AB	
63	005439	2020032500054395	KUTE AKASH VISHNU	Kute	Kute	69
64	005771	2020032500057714	GORE RESHMA PANDURANG	Gore	Gore	71
65	005831	2020032500058315	CHANGBHALE RUTUJA PANDURANG	Changbale	Changbale	62
66	005835	2020032500058354	BARANGULE AISHWARYA VIJAY	A.V. Barangule	A.V. Barangule	61
67	005838	2020032500058385	KASHID ROHIT RAJKUMAR	Kashid	Kashid	64
68	005849	2020032500058497	TAMBE SANJANA SATISH	Tambe	Tambe	72
69	005851	2020032500058516	WAGHMARE TEJAS SUGRIV	Waghmare	Waghmare	72
70	005852	2020032500058524	SHINDE RANGANATH NARAYAN	Shinde	Ranganath	71

Serial
Instruction

- While entering the marks, please ensure a clear, legible hand-writing, without any scratches or over-writing.
- In case of scratches, over-writing or corrections, please re-write the marks separately with

71	005853	2020032500058532	GHADAGE SALONI HANUMANT	Saloni	75
72	005854	2020032500058547	ZALTE TRUPTI YASHWANT	Zalte	74
73	005879	2020032500058795	KHALLI MUSKAN SALLAUDDIN	Muskan.k	72
74	005880	2020032500058806	MISKIN VAISHNAVI KALIDAS	Vaishnavi	64
75	005881	2020032500058814	GAIKWAD AKANKSHA MAHADEV	A.M.Gaikwad	69
76	005884	2020032500058845	DHORE SHRADDHA MOHAN	S.M.Dhore	66
77	005886	2020032500058861	PARDE SAKSHI TATYASAHEB	Parde	67
78	005887	2020032500058876	TONAGE PRATIKSHA HANUMANT	Tonage	60
79	005888	2020032500058884	MUTHAL NIKITA NAVANATH	N.Muthal	74
80	005889	2020032500058892	KOKATE ASHWINI BALBHIM	Ashwin	70
81	005890	2020032500058903	BHOSALE APEKSHA SATISH		AB
82	005891	2020032500058911	ATKARE ANAND BALASAHEB	Atkare	70
83	005892	2020032500058926	ANDHARE SHITAL MAHADEV	Shital	74
84	005893	2020032500058934	MUTHAL TEJASHRI RAJARAM	Tejas	73
85	005894	2020032500058942	KHAIRE VAIBHAV RAJABHAU	V.R.Khaire	49
86	005896	2020032500058965	ANDHARE MRUNAL MRUGENDRA	Mrunal	75
87	005899	2020032500058996	SHELAKE RUTUJA ANJEER	Rutuja	66
88	005900	2020032500059005	JAMDAR SUMIT SANDESH	Sumit	71
89	005902	2020032500059021	MISAL SHRADDHA NANDKUMAR	Shraddha	70
90	005906	2020032500059067	DOKE VIJAY ABASAHEB	Vijay	68
91	005907	2020032500059075	SATPUTE ARUNA ARUN	Satpute	67
92	005908	2020032500059083	DHORE CHETAN BALASAHEB	Chetan	72
93	005909	2020032500059091	SAWALGI YASH APPASAHEB	Yash	68
94	005910	2020032500059102	TIKATE KISHOR VIKAS	Kishor	45
95	005911	2020032500059117	GONDIL OMKAR SURESH	Gondil	45
96	005912	2020032500059125	SALUNKE TUSHAR AVINASH	Tushar	44
97	005915	2020032500059156	MORE SHIVANI VIKAS		AB
98	005917	2020032500059172	KATKAR ADITYA DEVIDAS	A.D.Katkar	66
99	005918	2020032500059187	KAZI SHAISTA TAMIJ	Kazi	64
100	005920	2020032500059206	GHEMAD RANJIT TULSIDAS	Ranjit	44
101	005922	2020032500059222	THAKARE SAKSHI ANIL	Thakare	68
102	005923	2020032500059237	KAZI RAHIM ALIM	Rahim	69
103	005924	2020032500059245	KHATAL MANISHA MOHAN	M.Khatal	77
104	005925	2020032500059253	POKALE AKANKSHA KALYAN	Pokale	69
105	005926	2020032500059261	BHOSALE AMAR MARUTI	Amar	65
106	005929	2020032500059292	KARANDE SNEHAL SHRIKANT	Skarande	72
107	005931	2020032500059311	DESHMUKH SHUBHAM TANAJI	Shubham	65
108	005934	2020032500059342	KORE SHIVSHANKAR SURYKANT	Kore	67
109	005935	2020032500059357	DUPARE ROHIT MAHAVIR		AB
110	005937	2020032500059373	KHARAT ANAND BAPU	Anand	69

111	005964	2020032500059647	JADHAV SWATI BHAGVAN	S.B.Jadhav	73
112	005966	2020032500059663	NANDWATE SAGAR CHANDRAKANT	Sagar	67
113	006023	2020032500060233	KORE GAYATRI SOMESHWAR	Grope	71
114	006024	2020032500060241	SHELAR ASHARANI ARJUN	Ashtarani	64
115	006025	2020032500060256	KARALE PRITI AVINASH	Karale	74
116	006027	2020032500060272	EKSHINGE PRAJAKTA BALASAHEB	Ekshinge	69
117	006098	2020032500060987	LANDAGE ISHAWAR DINKAR	Landage	63
118	006102	2020032500061027	SIRSAT PRANALI BIBHISHAN	Sirsat	67
119	006553	2020032500065532	LANDAGE ROHINI CHATTANYA	Landage	70
120	006595	2020032500065957	MULE SANKET HARISHCHANDRA	Mule	50
121	006664	2020032500066647	PATIL SAMRUDHI APPASAHEB	Patil	71
122	006696	2020032500066961	GATE AJINKYA PRAKASH	Gate	69
123	006699	2020032500066992	JADHAV ASHWINI AJITKUMAR	Jadhav	70
124	006700	2020032500067001	PANDHARMISE ANJALI SANJAY	Pandharmise	67
125	008587	2020032500085873	GONDIL ROHAN MAHADEO	Gondil	67
126	008592	2020032500085923	SHEGAR ANIL MOHAN	Shegar	AB
127	008594	2020032500085946	SHELKE VAIBHAVI KALYAN	Shelke	68
128	008740	2020032500087407	KAWALE ADITYA ANKUSH	Kawale	69
129	009862	2020032500098622	UKARANDE POOJA PANDURANG	Ukarande	63
130	012012	2020032500120121	KSHIRSAGAR SONALI SANJAY	Kshirsagar	75
131	012013	2020032500120136	KALSAIT POOJA PANDURANG	Kalsait	68
132	012628	2020032500126284	KAKADE ANIKET BALASAHEB	Kakade	69
133	012631	2020032500126311	PATEL SAMEER KHAJA	Patel	68
134	012632	2020032500126326	KADAM PRATIKSHA KAMLAKAR	Kadam	47
135	012634	2020032500126342	DHAVALA AISHWARYA NITIN	Dhaval	69
136	012962	2020032500129626	TAWARE VAISHNAVI RANJIT	Taware	68
137	013365	2020032500133655	LIMKAR SAURABH SAUDAGAR	Limkar	74
138	013366	2020032500133663	SHAIKH ABBUBAKKAR HAFIZ	Shaikh	74
139	013367	2020032500133671	GAIKWAD DNYANESHWAR	Gaikwad	71
140	013370	2020032500133705	NANASAHEB JAMDADA VAISHNAVI NITIN	Nanasaheb	59
141	013371	2020032500133713	PISAKE YOGESH NAGNATH	Pisake	70
142	013372	2020032500133721	PAWAR GEETA VIJAY	Pawar	64
143	013373	2020032500133736	MULE SUNIL BIBHISHAN	Mule	75
144	013845	2020032500138455	PAWAR SHRIKRUSHNA DINESH	Pawar	66
145	013860	2020032500138602	JADHAV ABHILASHA GAUTAM	Jadhav	59
146	013863	2020032500138633	JAGTAP MAHESH VASUDEV	Jagtap	70
147	013864	2020032500138641	TATE ASMITA DIPAK	Tate	63
148	013865	2020032500138656	KAMBLE CHAITANYA BHAUSAHEB	Kamble	68
149	013904	2020032500139041	DESHMUKH MANOJ TUKARAM	Deshmukh	67
150	013908	2020032500139087	GHOLAP PRAJAKTA SUBHASH	Gholap	69
					74

Seal

Instruction

1. While entering the marks, please ensure a clear, legible hand writing, without any scratches or over-writing
2. In case of scratches, over-writing or corrections, please re-write the marks separately with

151	014382	2020032500143827	GARAD OM DIPAK	Gor	65
152	014386	2020032500143866	MULLA ZEEFA SAMIR	Mulla Zee	62
153	014388	2020032500143882	NALWADE DIPTI ASHOK	Nalwade	62
154	014389	2020032500143897	GUDEKAR GAYATRI VIJAY	Gudekar	61
155	014392	2020032500143924	TAKMOGE PRERANA BALAJI	Takmoge	70
156	014398	2020032500143986	BAGAL PRATIKSHA NAGNATH	Bagal P.N.	68
157	014399	2020032500143994	ANBHULE ANKITA ATUL	Anbhule	70
158	014401	2020032500144011	MANE RUSHIKESH KISANRAO	Mane	55
159	014404	2020032500144042	ANBHULE PRITAM BALASAHEB	Anbhule	65
160	014904	2020032500149043	GAIKWAD AMRUTA SOMNATHI	A. Gaikewad	72
161	014905	2020032500149051	NALWADE PRATIKSHA UMESH	P. V. Nalwade	72
162	014906	2020032500149066	GORE SOMNATH LAXMAN	Gore	55
163	015176	2020032500151765	GADADE PRAVIN BAJRANG	Gadade	66
164	015177	2020032500151773	DHENGALE VAIBHAVI KRUSHNATH	Dhengale	64
165	015180	2020032500151807	BOBADE ABHISHEK LALASAHEB	Bobade	59
166	015183	2020032500151831	MANERI RIHAN ASLAM	Maneri	47

Seal

Instruction

1. While entering the marks, please ensure a clear, legible hand-writing, without any scratches or over-writing.
2. In case of scratches, over-writing or corrections, please re-write the marks separately with

Shri Shivaji Mahavidyalaya, Barshi.

Department of Chemistry

B.Sc.- III (Semester -V) Internal Examination 2023-24.

Paper XII: Analytical and industrial Physical Chemistry

Name of Student: _____

Roll No.: _____

Date: 19.10.2023

Max. Marks: 10

Time: 1:50 - 2:05 pm

Q. Choose the correct alternatives.

- In electroplating _____ play important role.
a) Electrolysis b) electro-osmosis c) Osmosis d) none of these
- The removal of oxide or dust on the article by action of mineral acid like HCl, H₂SO₄ and HNO₃ is called as _____.
a) Cleaning b) drying c) throwing d) pickling
- Current density is expressed in _____.
a) A/ sq. ft b) A/dm³ c) both A & B d) none of these
- If cathode efficiency > anode efficiency, the bath become _____ in metal content.
a) rich b) poor c) both A&B d) none of these
- According to the second law of electrolysis, amount of substance deposited or dissolved at any electrode is directly proportional to their _____.
a) Molecular weight b) equivalent weight c) atomic mass d) none of these
- Flame photometry is also named as _____ spectroscopy.
a) Flame emission b) molecular c) atomic d) none of these
- In simple flame photometers, the monochromator is _____.
a) Prism b) gratings c) slit d) all of these
- In the equation $N^*/N = A \cdot e^{-\Delta E/KT}$, k is known as _____ constant.
a) Gas b) Planck's c) Boltzmann d) none of these
- The temperature of the flame in flame photometer is controlled by _____.
a) Type b) fuel c) type of solvent d) all of these
- The measurement of _____ forms the basis of flame photometry.
a) Emitted photons b) Emitted radiation c) both A&B d) none of these

.....

Shri Shivaji Mahavidyalaya, Barshi
College Code - SMB(082)

Welcome Deshmukh A.D.

Login at: 11-03-23 / 12:21:27pm

Inwarded Detail (https://43.231.124.89/~pahsus//view_inward/)

View Invoice (https://43.231.124.89/~pahsus//view_invoice/)

Center Report (<https://43.231.124.89/~pahsus//GENRPRT>)

College Report (<https://43.231.124.89/~pahsus//GENCRPRT>)

Add Assessment Marks (https://43.231.124.89/~pahsus//add_marks)

Upload Assessment Marks (https://43.231.124.89/~pahsus//upload_marks)

Logout (<https://43.231.124.89/~pahsus//logout>)

File Upload

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Only Excel/CSV File Import.

Master of Science (With Credit)-[Analytical Chemistry]-II Analytical Chemistry
M.Sc. (with Credits) - Regular - CBCS Pattern 2020 - Analytical Chemistry - M.Sc.-II Sem-III
Paper Name: **Practical HCP-3.1 (MSC013303)**

Sr No	Student Name	PRN No	Seat No	Assessment		Assessment Marks	
				Method / Type	Marks Range		
1	CHOUGULE MALAKARI BHIMARAYA	202101082017837	3715	Practical / UA	0 - 40	Present	32
2	CHOUGULE MALAKARI BHIMARAYA	202101082017837	3715	Practical / CA	0 - 10	Present	8

Sr No	Student Name	PRN No	Seat No	Assessment Method / Type	Marks Range	Present/Absent	Assessment Marks
3	DAMARE MANISHA APPASAHEB	202101082017985	3716	Practical / UA	0 - 40	Present <input type="checkbox"/>	29
4	DAMARE MANISHA APPASAHEB	202101082017985	3716	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
5	GHODAKE RAJASHREE DHANANJAYA	202101082017982	3717	Practical / UA	0 - 40	Present <input type="checkbox"/>	34
6	GHODAKE RAJASHREE DHANANJAYA	202101082017982	3717	Practical / CA	0 - 10	Present <input type="checkbox"/>	9
7	GURAV KOMAL MAHADEV	202101082017989	3718	Practical / UA	0 - 40	Present <input type="checkbox"/>	27
8	GURAV KOMAL MAHADEV	202101082017989	3718	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
9	Kale Shrinivas Balaji	202101082017838	3719	Practical / UA	0 - 40	Present <input type="checkbox"/>	28
10	Kale Shrinivas Balaji	202101082017838	3719	Practical / CA	0 - 10	Present <input type="checkbox"/>	7
11	KARANDE ONKAR MANGESH	202101082018160	3720	Practical / UA	0 - 40	Present <input type="checkbox"/>	20
12	KARANDE ONKAR MANGESH	202101082018160	3720	Practical / CA	0 - 10	Present <input type="checkbox"/>	7
13	Kashid Mayuri Balasaheb	202101082017832	3721	Practical / UA	0 - 40	Present <input type="checkbox"/>	32
14	Kashid Mayuri Balasaheb	202101082017832	3721	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
15	KEDAR AMAR BHASKAR	202101082017826	3722	Practical / UA	0 - 40	Present <input type="checkbox"/>	32
16	KEDAR AMAR BHASKAR	202101082017826	3722	Practical / CA	0 - 10	Present <input type="checkbox"/>	8

	Student Name	PRN No	Seat No	Assessment Method / Type	Marks Range	Present/Absent	Assessment Marks
	MORE HARSHADA BALIRAM	202101082017817	3723	Practical / UA	0 - 40	Present <input type="checkbox"/>	31
18	MORE HARSHADA BALIRAM	202101082017817	3723	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
19	Nagargoje Varsha Vitthal	202101082017834	3724	Practical / UA	0 - 40	Present <input type="checkbox"/>	30
20	Nagargoje Varsha Vitthal	202101082017834	3724	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
21	PARDE SONALI SATISH	202101082017831	3725	Practical / UA	0 - 40	Present <input type="checkbox"/>	34
22	PARDE SONALI SATISH	202101082017831	3725	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
23	PATIL SAURABH SUGRIV	202101082017984	3726	Practical / UA	0 - 40	Present <input type="checkbox"/>	30
24	PATIL SAURABH SUGRIV	202101082017984	3726	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
25	PAWAR RANI SIDDHESHWAR	202101082017981	3727	Practical / UA	0 - 40	Present <input type="checkbox"/>	29
	PAWAR RANI SIDDHESHWAR	202101082017981	3727	Practical / CA	0 - 10	Present <input type="checkbox"/>	7
27	PISAL ASHWINI ANGAD	202101082017988	3728	Practical / UA	0 - 40	Present <input type="checkbox"/>	32
28	PISAL ASHWINI ANGAD	202101082017988	3728	Practical / CA	0 - 10	Present <input type="checkbox"/>	8
29	RAUT CHAITANYA SURESH	202101082017991	3729	Practical / UA	0 - 40	Present <input type="checkbox"/>	36
30	RAUT CHAITANYA SURESH	202101082017991	3729	Practical / CA	0 - 10	Present <input type="checkbox"/>	8

Sr No	Student Name	PRN No	Seat No	Assessment		Present/Absent		Assessment Marks
				Method / Type	Marks Range			
31	RAUT SUARABH MAHADEO	202101082017822	3730	Practical / UA	0 - 40	Present	▼	29
32	RAUT SUARABH MAHADEO	202101082017822	3730	Practical / CA	0 - 10	Present	▼	8
33	SHEJAL SHASHIKANT RAMCHANDRA	202101082017983	3731	Practical / UA	0 - 40	Present	▼	28
34	SHEJAL SHASHIKANT RAMCHANDRA	202101082017983	3731	Practical / CA	0 - 10	Present	▼	7
35	SHINDE MUKUND SHIVAJI	202101082017839	3732	Practical / UA	0 - 40	Present	▼	30
36	SHINDE MUKUND SHIVAJI	202101082017839	3732	Practical / CA	0 - 10	Present	▼	8
37	SHINDE VIDYA TANAJI	202101082017828	3733	Practical / UA	0 - 40	Present	▼	33
38	SHINDE VIDYA TANAJI	202101082017828	3733	Practical / CA	0 - 10	Present	▼	8
39	Shinde Dipika Tanaji	202101082017833	3734	Practical / UA	0 - 40	Present	▼	31
40	Shinde Dipika Tanaji	202101082017833	3734	Practical / CA	0 - 10	Present	▼	8
41	Shinde Priti Bharat	202101082017835	3735	Practical / UA	0 - 40	Present	▼	34
42	Shinde Priti Bharat	202101082017835	3735	Practical / CA	0 - 10	Present	▼	8
43	SUPATE SHRTI SHRIDHAR	202101082017993	3736	Practical / UA	0 - 40	Present	▼	32
44	SUPATE SHRTI SHRIDHAR	202101082017993	3736	Practical / CA	0 - 10	Present	▼	7

	Student Name	PRN No	Seat No	Assessment Method / Type	Marks Range	Present/Absent	Assessment Marks
45	TAKBHATE ASHWINI SUBHASH	202101082017987	3737	Practical / UA	0 - 40	Present ✓	32
46	TAKBHATE ASHWINI SUBHASH	202101082017987	3737	Practical / CA	0 - 10	Present ✓	8
47	THAKARE DHNYAWAN NAVNATH	202101082017980	3738	Practical / UA	0 - 40	Present ✓	33
48	THAKARE DHNYAWAN NAVNATH	202101082017980	3738	Practical / CA	0 - 10	Present ✓	7
49	THORAT SNEHAL SURYAKANT	202101082017812	3739	Practical / UA	0 - 40	Present ✓	29
50	THORAT SNEHAL SURYAKANT	202101082017812	3739	Practical / CA	0 - 10	Present ✓	8
51	TIKATE APURVA DASHARATH	202101082017840	3740	Practical / UA	0 - 40	Present ✓	31
52	TIKATE APURVA DASHARATH	202101082017840	3740	Practical / CA	0 - 10	Present ✓	7
53	TIKATE SUDNYESH SHIVAJI	202101082017979	3741	Practical / UA	0 - 40	Present ✓	30
54	TIKATE SUDNYESH SHIVAJI	202101082017979	3741	Practical / CA	0 - 10	Present ✓	7
55	KARANDE ASHWINI TANAJI	202101082017821	32820	Practical / UA	0 - 40	Present ✓	36
56	KARANDE ASHWINI TANAJI	202101082017821	32820	Practical / CA	0 - 10	Present ✓	9

Save Marks

Pragakta Bhagat Umate.

Multiple choice questions


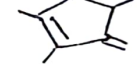
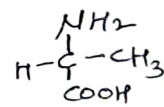
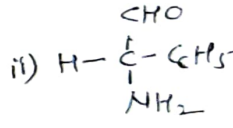
(8)

- ① UV spectrum is graph of —
 - a) absorbance vs wavelength
 - b) absorbance vs wave number.
 - c) absorbance vs energy
 - d) absorbance vs frequency.
- ② Chromophore containing molecule is known as —
 - a) auxochrome
 - b) chromophore
 - c) dienes
 - d) enones.
- ③ — conformation is more stable.
 - a) gauche
 - b) eclipsed
 - c) staggered
 - d) fully eclipsed
- ④ Glycerol on treatment of — gives acrolein
 - a) HI
 - b) HIO_4
 - c) $KMnO_4$
 - d) $KHSO_4$
- ⑤ In aldehyde & ketone carbon of carbonyl group is — hybridized
 - a) sp^2
 - b) sp
 - c) sp^3
 - d) sp^2d .
- ⑥ The reaction of sodium alkoxide with alkyl halide is —
 - a) Perkin
 - b) Williamson's
 - c) Aldol
 - d) Wurtz.
- ⑦ Acrolein on oxidⁿ with Tollen's reagent gives — acid.
 - a) succinic
 - b) phthalic
 - c) acrylic
 - d) phthalic.
- ⑧ BDC reacts with hypophosphorous acid gives —
 - a) phenol
 - b) aniline
 - c) benzoic acid
 - d) benzene.

(8)

Q → 2

Answer any four of following

- ① Calculate λ_{max} of  ii) 
- ② Define chromophore, auxochrome.
- ③ Assign R & S configuration of i)  ii) 
- ④ State Aldol condensation with example.
- ⑤ Give 2 methods of preparation of ethylene oxide.
- ⑥ What is the action of oxidⁿ, heat, soda lime on phthalic acid

Q → 3

Answer & Write short notes on any two

- ① Conformational analysis of ethane.
- ② Ziesel's method.
- ③ Synthesis of methyl orange & congo red.

Q → 4

Answer any two of following

- ① Explain different types of electronic excitations in u
- ② Explain pinacol-pinacolone rearrangement.
- ③ Give the synthesis of citric acid.

Q → 5

Answer any one of the following

- ① Explain reactⁿ with mechanism i) Reimer-Tiemann ii) Knoevenagel condensation
- ② Give 2 methods of prepⁿ of cinnamic acid. What is the action of i) Br_2 ii) $KMnO_4, H_2SO_4$ on it? Give its uses

Paper Code: HCT-3.2

SHRI SHIVAJI MAHAVIDYALAYA BARSHI,
Department Of Chemistry
M.Sc. II (Semester - III) Internal Examination: Oct-2023
(Organic Chemistry)
Chemistry of Bioactive Heterocycles

Day & Date: Thursday, 19-10-2023
Time: 02:00 pm-03:00 pm

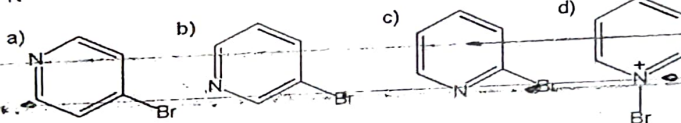
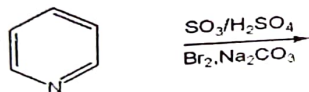
Max. Marks- 10

Name of Student: _____

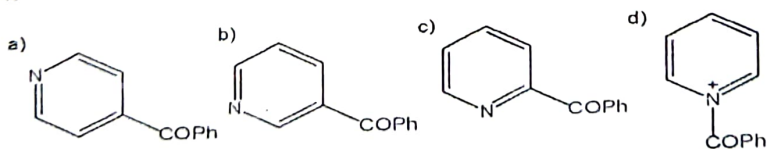
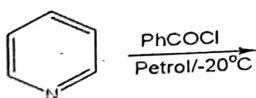
Roll No. _____

Q.1 choose correct alternative. 10

1) Major product formed in the following reaction is



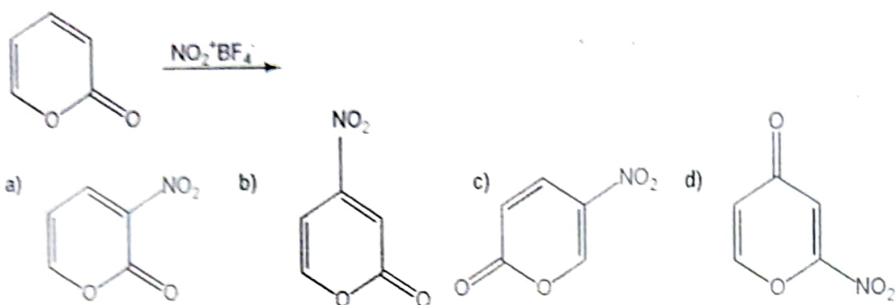
2) Major product formed in the following reaction is



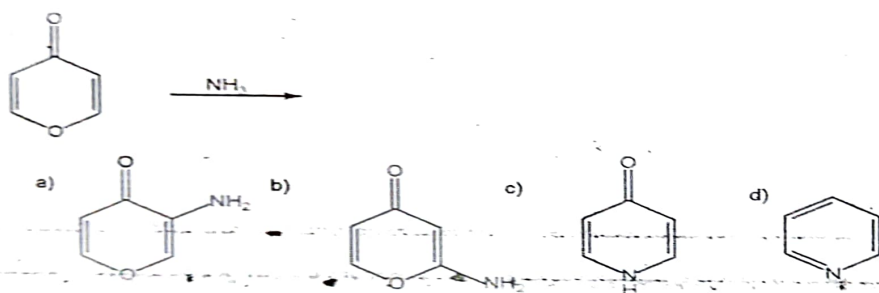
3) 1,2-diazine is also known as ____
a) Pyridine b) pyridazine c) pyrimidine d) pyrazine

4) Nicotinic acid is a derivative of ____
a) Pyridazine b) Pyridine c) 2H- pyran d) 4H- pyran

- 5) Hantzsch Pyridine synthesis involves _____
 a) Aldol reaction b) Micheal addition c) both a & b d) none
- 6) Major product formed in the following reaction is



- 7) Major product formed in the following reaction is



- 8) Which compound is most basic?
 a) Pyrimidine b) pyrrole c) pyridazine d) Pyridine
- 9) Picoline is a derivative of _____
 a) Pyridazine b) Pyridine c) 2H- pyran d) 4H- pyran

- 10) Predict the product

