



SHIVAJI UNIVERSITY, KOLHAPUR.

Circular No 528 Winter Session Theory Exam

Draft programme of M.Sc Part-I Sem-I ,II NEP and CBCS Zoology, Organic, Inorganic, Analytical ,Physical Industrial and Applied Chemistry, Botany, Horizontal Mobility(Bio-Tech,Bio-Chemistry, Environmental-Biotechnology, Microbiology, Pharmaceutical Microbiology)Agrochemical and Pest Management, Electronics, Computer Science, Geology, General Microbiology Biotechnology (Entire)(Course Code 2341,2353,2375), Examination of Oct/Nov 2023 to be held in Oct/Nov- 2023.

INSTRUCTION:-Common instruction as per Circular No SU/Appointment/On Exam/29/dated 01-02-2020 and also available on University Website www.unishivaji.ac.in

1.The Centers and Places for Examination for written examination will be as under:

Sr.No	Exam	College /Dept Code	Places/Exam Centre
1	M.Sc Zoology, Computer Sci, Organic, Analytical Physical, Inorganic Chemistry Botany, Electronics, Applied Chemistry, Industrial Chemistry, Phamra-Micro Bio-Tech, Biochem, Micro ,Env-Biotech Agro Chemical and Pest Mgt	264	Shivaji University Science Teaching Department. Campus. KOLHAPUR
2	M. Sc. Analytical Chemistry	31	Rajaram College, Kolhapur
3	M.Sc. Geology	260	Gopal Krishna Gokhale College, Kolhapur Dist-Kolhapur
4	M.Sc Organic Chemistry	01	Vivekanand College, Kolhapur Dist-Kolhapur
5	M.Sc. Physical Chemistry	32	Rajarshri Chh. Shahu College Kadamwadi Kolhapur Dist-Kolhapur
6	M.Sc Botany, Analytical Chemistry, Comp Sci	30	The New college Kolhapur
7	M.Sc. Agrochemical & Pest Management, Organic Chemistry General Microbiology	48	Devachand College, Arjunnagar, Dist- Kolhapur
8	M.Sc Analytical Chemistry	43	Jaysigpur College, JAYSINGPUR, Dist-Kolhapur
9	M. Sc. Botany, Organic Chemistry	38	Dattajirao Kadam Arts, Science & Comers Ichalkaranji Dist -Kolhapur
10	M. Sc. Computer Science, M.Sc Organic Chemistry	03	Shivraj College of Arts, Commerce & D. S. Kadam Science college Gadhinglaj Dist. Kolhapur.
11	M.Sc General Microbiology, Analytical Chemistry	47	Dr. Ghali college Gadhinglaj Dist-Kolhapur
12	M.Sc. Computer Science, M.Sc. Physical, Analytical Chemistry	90	Karmveer Bhaurao Patil College, Urun –Islampur. Dist- Sangli
13	M.Sc. Computer Science, , Organic	88	Smt Kusumtai Rajarambapupatil kanya Mahavidyalya Urun-Islampur. Dist-Sangli
14	M.Sc. Computer Science, Zoology, Organic Chem	104	Arts, Commerce & Science College, Palus Dist-sangli

15	M.Sc Organic Chemistry ,Botany,Zoology	92	Padm Bhushan Dr. Vasantrao dada patil Mahavidyalaya, Tasgaon Dist-Sangli
16	M.Sc Analytical, Organic Chemistry, General Microbiology	73	Dr.Patangrao Kadam Mahavidyalaya Sangalwadi Dist-Sangli
17	M.Sc Comp Sci, Electronics, Organic Chemistry, General Microbiology ,Biotechnology(Entire)	78	Smt Kasturbai Walchand college Sangli , Dist -Sangli
18	M.SC Organic Chemistry, Electronics, Comp Sci	80	Willingdon College Sangli ,Dist-Sangli
19	M.Sc. Inorganic, Organic, Analytical chemistry,Zoology,General Microbiology	86	Balwant College, Vita Dist-Sangli
20	M.Sc., Analytical Chemistry	436	Shri Yashwantrao Patil ScienceCollege Solankur , Tal- Radhanagri,Dist-Kolhapur
21	M. Sc. Botany	101	Matoshri Bayyabai Shripathrao Kadam Kanya Mahavidyalaya, Kadegaon Dist Sangli
22	M.Sc Botany, Organic Chemistry, Zoology,Electronics	149	Yashwantrao Chavan Institute of Science Satara , Dist-Satara
23	M.Sc. Analytical Chemistry, Zoology,Organic Chemistry	145	Lal Bahadur Shastri college Satara
24	M.Sc. Organic Chemistry	164	Dahiwadi College, Dahiwadi Dist-Satara
25	M.Sc.,Analytical Chemistry, Microbiology (CBCS-R),General Microbiology,Botany,Comp Sci,Organic Chemi	158	Yashwantrao Chavan college ofScience College, Karad Dist-Satara
26	M.Sc.Zoology ,Computer Sci,, Organic Chemistry.	156	Sadguru Gadge Maharaj College Karad Dist-Satara
27	M.Sc., Analytical Chemistry	159	Balasaheb Desai College, Patan Dist-Satara
28	M.Sc., Organic Chemistry,	161	Kissan Veer Mahavidyalaya, Wai . Dist-Satara
29	M.Sc. Analytical Chemistry	94	RajeRamrao Mahavidyalaya Jath DistSangli
30	M.Sc. Analytical Chemistry,Zoology	50	Yashwantrao Chavan WaraMahavidylaya Warananagar Dist-Kolhapur
31	M.Sc. Analytical Chemistry	162	D.P.Bhosale College Koregaon Dist Satara.
32	M.Sc. Analytical Chemistry	93	Dr.Patangrao Kadam Mahavidyalaya Ramanadnagar(Burli) Kirloskarwadi Tal.Palus Dist Sangali.
33	M.Sc. Analytical,,Organic Chemistry	106	Deshbhakat Anandrao BalwantraoNaik Arts & Science College Chikkali Tal-shirala Dist-Sangli
34	M.Sc. Analytical Chemistry	103	Krantisinh Nana Patil Mahavidyalaya walva TalWalvaDist-Sangli
35	M.sc Organic chemistry	83	Shikshan Maharashi Dr.Bapuji Salunkhe Mahavidyalaya Miraj DistSangli
36	M.Sc General Microbiology	84	Miraj Mahavidyalaya Miraj DistSangli
37	M.Sc Organic Chemistry	51	Bhogawati Mahavidyalaya Kurukali Tal-Karveer Dist-Kolhapur
38	M.Sc. Analytical Chemistry M.Sc Botany	67	M.H.Shinde Mahavidyalaya Tisangi Tal-Gaganbawada Dist-Kolhapur
39	M.Sc. Analytical y, Organic Chemistry	429	Padmashree Dr.G.G Jadhav Mahavidyalaya Ganganbawada Dist-Kolhapur
40	M.Sc Organic Chemistry	151	Mudhoji College Phaltan Dist-Satara
41	M.Sc Organic Chemistry	70	R.B. Madkolkar Mahavidylaya Chandgad Dist-Kolhapur
42	M.Sc Organic Chemistry	57	Yashwantrao Chavan Mahavidylaya Halkarni Dist-Kolhapur
43	M.Sc Organic Chemistry	616	Shri R..K.Patil Arts,Commerce and Science college Sankh Tal-Jat Dist-Sangli -416412

M.Sc Zoology(NEP)

Course code- 2353	Branch :- M.Sc Part I :- Sem. I ZOOLOGY (NEP.)			New Revised (NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87872	Biosystematics And Biodiversity	Thursday 30/11/2023	From 10.30 am To 1.30 pm
CC-102	87873	Ecology And Environmental Pollution	Saturday 02/12/2023	
CC-103	87874	Molecular Cell Biology	Tuesday 05/12/2023	
CC-104	87875	Applied Entomology	Thursday 07/12/2023	

M.Sc Zoology

Course code- 2341	Branch :- M.Sc Part I :- Sem. I ZOOLOGY (C.B.C.S.)			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83497	Biosystematics And Biodiversity	Thursday 30/11/2023	From 10.30 am To 1.30 pm
CC-102	83498	Ecology And Environmental Pollution	Saturday 02/12/2023	
CC-103	83499	Molecular Cell Biology	Tuesday 05/12/2023	
CC-104	83500	Applied Entomology	Thursday 07/12/2023	

M.Sc Zoology(NEP 2020)

Course Code 22375	Branch :- M.Sc Part I :- Sem. I ZOOLOGY (C.B.C.S.)			New Revised From Oct 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory Paper				From 10.30 am To 1.30 pm
MMT – 101	92449	Molecular Cell Biology	Thursday 30/11/2023	
MMT-102	92450	Applied Entomology	Saturday 02/12/2023	
Research Methodology				
RM	90923	Research Methodology	Tuesday 05/12/2023	
Choose any one from Major Elective Paper				
M ET - 104	92451	Molecular Biology of the Gene	Thursday 07/12/2023	
	92452	Animal Physiology		
	92453	Basic Entomology		
	92454	Fisheries Resources :Inland and Marine Fisheries		
	92455	General Sericulture and Mulberry Cultivation		

M.Sc Zoology (NEP)

Course code-2353	Branch :- M.Sc Part I :- Sem. II ZOOLOGY NEP			New Revised From March 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90204	Physiological Chemistry	Thursday 30/11/2023	From 2.30 pm To 5.30 pm
CC-202	90205	Bioinstrumentation and Biostatistics	Saturday 02/12/2023	
CC-203	90206	Anatomy and Physiology	Tuesday 05/12/2023	
CC-204	90207	Biology of Parasites	Thursday 07/12/2023	

M.Sc Zoology

Course code-2341	Branch :- M.Sc Part I :- Sem. II ZOOLOGY (C.B.C.S.)			New Revised From March 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84633	Physiological Chemistry	Thursday 30/11/2023	From 2.30 pm To 5.30 pm
CC202	84628	Bioinstrumentation and Biostatistics	Saturday 02/12/2023	
CC203	84629	Anatomy and Physiology	Tuesday 05/12/2023	
CC204	84630	Biology of Parasites	Thursday 07/12/2023	

M.Sc Computer Science(NEP)

Course code-2353	Branch –M.Sc Part I-Sem-I Computer Science			New Revised (NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87792	Design and Analysis of Algorithms	Monday 20/11/2023	From 10.30 am To 1.30 pm
CC-102	87793	Python Programming	Wednesday 22/11/2023	
CC-103	87794	Database Management System	Friday 24/11/2023	
CC-104	87795	Cyber Security	Tuesday 28/11/2023	

M.Sc Computer Science(C.B.C.S)

Course code-2341	Branch –M.Sc Part I-Sem-I Computer Science(C.B.C.S			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83414	Design and Analysis of Algorithms	Monday 20/11/2023	From 10.30 am To 1.30 pm
CC-102	83415	Python Programming	Wednesday 22/11/2023	
CC-103	83416	Database Management System	Friday 24/11/2023	
CC-104	83417	Cyber Security	Tuesday 28/11/2023	

M.Sc Computer Science(NEP 2020)

Course code-2375	Branch –M.Sc Part I-Sem-I Computer Science(C.B.C.S.)			New Revised From Oct 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory Paper				
MMT-101	92348	Design and Analysis of Algorithms	Monday 20/11/2023	From 10.30 am To 1.30 pm
MMT-104	92351	Web Design	Wednesday 22/11/2023	From 10.30 am To 12.30 pm
MMT - 102	92349	Advanced Database Management Systems	Friday 24/11/2023	From 10.30 am To 1.30 pm
Research Methodology				
RM- 106	90924	Research Methodology	Tuesday 28/11/2023	
Major Elective paper				
MET 105	92352	Cyber Security	Thursday 30/11/2023	
	92353	Cloud Computing		

M.Sc Computer Science(NEP)

Course code-2353	Branch –M.Sc Part I-Sem-II Computer Science(C.B.C.S.)			New Revised From March 2023Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90106	Web Technology	Monday 20/11/2023	From 2.30 pm To 5.30 pm
CC202	90107	Advanced Java	Wednesday 22/11/2023	
CC-203	90114	Android Fundamental Development with kotlin	Friday 24/11/2023	
Choose Any One of the Following				
CC-204	90115	Software Project Management	Tuesday 28/11/2023	
	90116	Data Science Foundations		
	90117	Application Security Analyst		
	90118	Cloud Computing		

M.Sc Computer Science(NEP)

Course code-2341	Branch –M.Sc Part I-Sem-II Computer Science(C.B.C.S.)			New Revised From March 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84544	Web Technology	Monday 20/11/2023	From 2.30 pm To 5.30 pm
CC202	84545	Advanced Java	Wednesday22/11/2023	
CC-203	84552	Android Fundamental Development with kotlin	Friday 24/11/2023	
Choose Any One of the Following				
CC-204	84553	Software Project Management	Tuesday 28/11/2023	
	84554	Data Science Foundations		
	84555	Application Security Analyst		
	84556	Cloud Computing		

M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry (NEP)

M.Sc Part-I Sem-I Branch- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				New Revised (NEP) From Oct 2022
				Course code-2353
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87849	Inorganic Chemistry – I	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
CC-102	87850	Organic Chemistry – I	Thursday 30/11/2023	
CC-103	87851	Physical Chemistry – I	Saturday 02/12/2023	
CC-104	87852	Analytical Chemistry – I	Tuesday 05/12/2023	

M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry

M.Sc Part-I Sem-I Branch- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				New Revised From Oct-2019
				Course code-2341
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83399	Inorganic Chemistry – I	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
CC-102	83400	Organic Chemistry – I	Thursday 30/11/2023	
CC-103	83401	Physical Chemistry – I	Saturday 02/12/2023	
CC-104	83402	Analytical Chemistry – I	Tuesday 05/12/2023	

M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry (NEP 2020)

M.Sc Part-I Sem-I Branch-		1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry		New Revised From Oct 2023
				Course code- 2375
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory				
MMT -101	92118	Organic Chemistry – I	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
MMT -102	92119	Inorganic Chemistry – I	Thursday 30/11/2023	
Research Methodology				
RM-CH-106	90925	Research Methodology	Saturday 02/12/2023	
Choose any one from Major Elective				
MMT - 103	92120	Inorganic Chemistry – I	Tuesday 05/12/2023	
	92121	Organic Chemistry – I		
	92122	Physical Chemistry – I		
	92123	Analytical Chemistry – I		

M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry (NEP)

M.Sc Part-I Sem-II Branch- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				New Revised From March 2023
				Course Code-2353
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90163	Inorganic Chemistry – II	Tuesday 28/11/2023	From 2.30 pm To 5.30 pm
CC-202	90164	Organic Chemistry – II	Thursday 30/11/2023	
CC-203	90165	Physical Chemistry – II	Saturday 02/12/2023	
CC-204	90166	Analytical Chemistry – II	Tuesday 05/12/2023	

M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry (CBCS)

M.Sc Part-I Sem-II Branch- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				New Revised From March 2022
				Course Code-2341
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84508	Inorganic Chemistry – II	Tuesday 28/11/2023	From 2.30 pm To 5.30 pm
CC-202	84509	Organic Chemistry – II	Thursday 30/11/2023	
CC-203	84510	Physical Chemistry – II	Saturday 02/12/2023	
CC-204	84511	Analytical Chemistry – II	Tuesday 05/12/2023	

M.Sc. Botany (NEP)

Course code-2353	M.Sc Part I :- Sem.-I Botany			New Revised (NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87788	Biology And Diversity of Algae Fung And Bryophytes	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
CC-102	87789	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Thursday 30/11/2023	
CCO-104	87790	Biodiversity : Conservation and Utilization	Saturday 02/12/2023	
CC-103	87791	Tools And Techniques	Monday 04/12/2023	

M.Sc. Botany (C.B.C.S)

Course code-2341	M.Sc Part I :- Sem.-I Botany			Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83427	Biology And Diversity of Fungi, Algae And Bryophytes	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
CC-102	83428	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Thursday 30/11/2023	
CC-103	83429	Plant Ecology And Evolution	Saturday 02/12/2023	
CC-104	83430	Tools And Techniques	Monday 04/12/2023	

M.Sc. Botany (C.B.C.S)

Course Code-2375	M.Sc Part I :- Sem.-I Botany			Revised From Oct 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory				
MMT - 101	92442	Biology And Diversity of Fungi,Alage And Bryophytes	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
MMT - 102	92443	Biology And Diversity of Pteriodophytes Gymnosperms and Palaeobotany	Thursday 30/11/2023	
Research Methodology				
RM - 108	93985	Research Methodology	Saturday 02/12/2023	
	92444	Tools And Techniques	Monday 04/12/2023	From 10.30 am t o 12.30 pm
Choose any one from Major Elective				
MET- 106.1	92371	Angiosperm Taxonomy: The Evolution and Classification of Angiosperms	Wednesday 06/12/2023	From 10.30 am To 1.30 pm
MET -106.2	92372	Cytogenetics and Plant Breeding: Cytogenetics		
MET -106.3	92373	Energy,Ecology,and Environment: Environment and its aspect		
MET -106.4	92374	Mycology and Plant Pathology: Taxonomy of Fungi		
MET -106.5	92375	Plant biotechnology: Plant Tissue Culture		
MET -106.6	92376	Plant Physiology: Advanced Plant physiology and Plant Biochemistrv		

M.Sc. Botany (NEP)

Course code-2353	M.Sc Part I :- Sem.-II Botany			Revised From March 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90100	Angiosperm systematic	Wednesday 29/11/2023	From 2.30 pm To 5.30 pm
CC-202	90101	Plant Pathology	Friday 01/12/2023	
CC-203	90102	Plant Structure Development And Reproduction	Tuesday 05/12/2023	
CC-204	90103	Cell and Molecular Biology	Thursday 07/12/2023	

M.Sc. Botany (CBCS)

Course code-2341	M.Sc Part I :- Sem.-II Botany			Revised From March 2022Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84536	Angiosperm systematic	Wednesday 29/11/2023	From 2.30 pm To 5.30 pm
CC-202	84537	Plant Pathology	Friday 01/12/2023	
CC-203	84538	Plant Structure Development And Reproduction	Tuesday 05/12/2023	
CC-204	84539	Cell and Molecular Biology	Thursday 07/12/2023	

M.Sc. Electronics (NEP)

Course code- 2353		M.Sc Part I :- Sem.-I Electronics		New Revised(NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87796	Measurement & Instrumentation	Thursday 30/11/2023	From 10.30 am To 1.30 pm
CC-102	87797	Foundations of Microwave Technology	Saturday 02/12/2023	
CC-103	87798	Computer Organization	Tuesday 05/12/2023	
CC-104	87799	Advanced Digital Design	Thursday 07/12/2023	

M.Sc. Electronics (C.B.C.S)

Course code- 2341		M.Sc Part I :- Sem.-I Electronics		Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83444	Measurement & Instrumentation	Thursday 30/11/2023	From 10.30 am To 1.30 pm
CC-102	83445	Foundations of Microwave Technology	Saturday 02/12/2023	
CC-103	83446	Computer Organization	Tuesday 05/12/2023	
CC-104	83447	Advanced Digital Design	Thursday 07/12/2023	

M.Sc. Electronics (NEP 2020)

Course code- 2375				Revised From Oct 2023Exam
M.Sc Part I :- Sem.-I Electronics				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory				From 10.30 am To 1.30 pm
MMT- 102	92589	Microwave Technology	Thursday 30/11/2023	
MMT- 101	92588	Computer Organization	Saturday 02/12/2023	
MMT- 103	92590	Foundations of Digital Design	Tuesday 05/12/2023	From 10.30 am to 12.30 pm
Research Methodology				From 10.30 am To 1.30 pm
RM - 106	93986	Research Methodology	Thursday 07/12/2023	
Choose any one from Major Elective paper				
MET - 105	92591	Industrial Automation	Saturday 09/12/2023	
	92592	Machine Learning		
	92447	Measurements and Instrumentation		

M.Sc. Electronics (NEP)

Course code-2353		M.Sc Part I :- Sem.-II Electronics		Revised From March 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90119	Digital Communication	Thursday 30/11/2023	From 2.30 pm To 5.30 pm
CC-202	90120	Advanced Microwave Technology	Saturday 02/12/2023	
CC-203	90121	Advanced Power Electronics	Tuesday 05/12/2023	
CC-204	90122	Optoelectronics	Thursday 07/12/2023	

M.Sc. Electronics (C.B.C.S)

Course code-2341		M.Sc Part I :- Sem.-II Electronics		Revised From March 2022Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84557	Digital Communication	Thursday 30/11/2023	From 2.30 pm To 5.30 pm
CC-202	84558	Advanced Microwave Technology	Saturday 02/12/2023	
CC-203	84559	Advanced Power Electronics	Tuesday 05/12/2023	
CC-204	84560	Optoelectronics	Thursday 07/12/2023	

M.Sc. Horizontal Mobility

Course code-2353	M.Sc Part-I Sem I - Biochemistry, Biotechnology, Microbiology, Pharmaceutical Microbiology			New Revised(NEP) From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Any One Of the Following				From 10.30 am To 1.30 pm
CC-101	87784	Cell Biochemistry and Nucleic Acids	Tuesday 21/11/2023	
	87785	Cell Biology, Microbiology and Virology		
CC-102	87782	Proteins Structure and Functions	Thursday 23/11/2023	
CC-103	87783	Biomolecules	Saturday 25/11/2023	
Any One Of the Following				
CC-104	87786	Basics of Physiology and Biochemistry	Tuesday 28/11/2023	
	87787	Biostatistics and Computer Applications		

M.Sc. Horizontal Mobility

Course code-2341		M.Sc Part-I Sem I - Biochemistry ,Biotechnology, ,Microbiology, Pharmaceutical Microbiology		Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Any One Of the Following				From 10.30 am To 1.30 pm
CC-101	83423	Cell Biochemistry and Nucleic Acids	Tuesday 21/11/2023	
	83424	Cell Biology, Microbiology and Virology		
CC-102	83420	Proteins Structure and Functions	Thursday 23/11/2023	
CC-103	83421	Biomolecules	Saturday 25/11/2023	
Any One Of the Following				
CC-104	83425	Basics of Physiology and Endocrinology	Tuesday 28/11/2023	
	83426	Biostatistics and Computer Applications		

M.Sc. Horizontal Mobility (NEP 2020)

M.Sc Part-I Sem I - Biochemistry, Biotechnology, Microbiology ,Pharmaceutical Microbiology				Revised From Oct 2023 Exam Course code-2375
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory				From 10.30 am To 1.30 pm
MMT 101	92464	Proteins Structure and Functions	Tuesday 21/11/2023	
MMT 102	92465	Biomolecules	Thursday 23/11/2023	
Research Methodology				
RM 106	93746	Research Methodology	Saturday 25/11/2023	
Choose Any One from Major Elective				
MET 103	92473	Cell Biochemistry and Nucleic Acids	Tuesday 28/11/2023	
	92474	Taxonomy And Molecular Systematics		
	92475	Advances in Drug and Clinical Research		

M.Sc. Horizontal Mobility(NEP)

M.Sc Part-I Sem II - Biochemistry, Biotechnology ,Microbiology, Pharmaceutical Microbiology				New Revised From March 2022Exam
				Course code-2353
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90094	Enzymology	Monday 20/11/2023	From 10.30 am To 1.30 pm
CC-202	90095	Molecular Biology	Wednesday 22/11/2023	
CC-203	90096	Bioenergetics	Friday 24/11/2023	
CC-204	90097	Tools and Techniques in Bioscience	Wednesday 29/11/2023	

M.Sc. Horizontal Mobility

M.Sc Part-I Sem II - Biochemistry,Biotechnology,Environmental-Biotech,Microbiology,Pharmaceutical Microbiology				New Revised From March 2023Exam
				Course code-2341
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84529	Enzymology	Monday 20/11/2023	From 10.30 am To 1.30 pm
CC-202	84530	Molecular Biology	Wednesday 22/11/2023	
CC-203	84531	Bioenergetics	Friday 24/11/2023	
CC-204	84532	Tools and Techniques in Bioscience	Wednesday 29/11/2023	

M.Sc. Horizontal Mobility

M.Sc Part-I Sem II - Biochemistry,Biotechnology,Environmental-Biotech,Microbiology,Pharmaceutical Microbiology				New Revised From March 2020 Exam
				Course code-205
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	79262	Enzymology	Monday 20/11/2023	From 10.30 am To 1.30 pm
CC-202	79263	Molecular Biology	Wednesday 22/11/2023	
CC-203	79264	Bioenergetics	Friday 24/11/2023	
CC-204	79265	Tools and Techniques in Bioscience	Wednesday 29/11/2023	

M.Sc. Agrochemical and Pest Management [NEP.]

course code-2353	M.Sc Part-I Sem-I-Agrochemical and Pest Management (NEP.)			New Revised(NEP) From Oct-2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87763	Chemistry Of Pesticides and their formulation-I	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
CC-102	87764	Soil Science Fertilizers and Micronutrients	Thursday 30/11/2023	
CC-103	87765	Introductory and Industrial Entomology	Saturday 02/12/2023	
CC-104	87766	Basic concepts in Plant Pathology	Tuesday 05/12/2023	

M.Sc. Agrochemical and Pest Management [C.B.C.S.]

course code-2341	M.Sc Part-I Sem-I-Agrochemical and Pest Management (C.B.C.S.)			New Revised From March 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83389	Chemistry Of Pesticides and their formulation-I	Tuesday 28/11/2023	From 10.30 am To 1.30 pm
CC-102	83390	Soil Science Fertilizers and Micronutrients	Thursday 30/11/2023	
CC-103	83391	Introductory and Industrial Entomology	Saturday 02/12/2023	
CC-104	83392	Basic concepts in Plant Pathology	Tuesday 05/12/2023	

M.Sc. Agrochemical and Pest Management [NEP 2020.]

M.Sc Part-I Sem-I-Agrochemical and Pest Management (C.B.C.S.) Course code-2375				New Revised From Oct 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory				From 10.30 am To 1.30 pm
MMT -101	92080	Chemistry of Soil, Pesticides and formulations	Tuesday 28/11/2023	
MMT - 102	92081	Introduction to Agronomy and Crop Protection	Thursday 30/11/2023	
Research Methodology				
RM – 106	93132	Research Methodology	Saturday 02/12/2023	
Major Elective				
MET - 104	92082	Basic Entomology	Tuesday 05/12/2023	

M.Sc. Agrochemical and Pest Management [NEP.]

M.Sc Part-I Sem-II-Agrochemical and Pest Management (C.B.C.S.)				New Revised From March 2023Exam
Course code-2353				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90059	Chemistry of Pesticides And Their Formulation-II	Tuesday 28/11/2023	From 2.30 pm To 5.30 pm
CC-202	90060	Analytical Techniques For Agrochemicals	Thursday 30/11/2023	
CC-203	90061	Economic Entomology	Saturday 02/12/2023	
CC-204	90062	Agronomy, Seed Technology, Pathology, Weed Science Biostatistics	Tuesday 05/12/2023	

M.Sc. Agrochemical and Pest Management [C.B.C.S.]

M.Sc Part-I Sem-II-Agrochemical and Pest Management (C.B.C.S.) Course code-2341				New Revised From March 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84494	Chemistry of Pesticides And Their Formulation-II	Tuesday 28/11/2023	From 2.30 pm To 5.30 pm
CC-202	84495	Analytical Techniques For Agrochemicals	Thursday 30/11/2023	
CC-203	84496	Economic Entomology	Saturday 02/12/2023	
CC-204	84497	Agronomy, Seed Technology, Pathology, Weed Science Biostatistics	Tuesday 05/12/2023	

M.Sc. General Microbiology [NEP.]

Course code-2353	M.Sc Part-I Sem-I General Microbiology			New Revised From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87822	Taxonomy And Microbial Diversity	Thursday 23/11/2023	From 10.30 am To 1.30 pm
CC-102	87823	Virology	Saturday 25/11/2023	
CC-103	87824	Genetics And Molecular Biology	Tuesday 28/11/2023	
CC-104	87825	Immunology	Thursday 30/11/2023	

M.Sc. General Microbiology [C.B.C.S.]

Course code-2341	M.Sc Part-I Sem-I General MICROBIOLOGY			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83459	Taxonomy And Microbial Diversity	Thursday 23/11/2023	From 10.30 am To 1.30 pm
CC-102	83460	Virology	Saturday 25/11/2023	
CC-103	83461	Genetics And Molecular Biology	Tuesday 28/11/2023	
CC-104	83462	Immunology	Thursday 30/11/2023	

M.Sc. General Microbiology [NEP 2020]

Course code-2375	M.Sc Part-I Sem-I General MICROBIOLOGY			Revised From Oct 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory				From 10.30 am To 1.30 pm
MMT - 102	92111	Immunology	Thursday 23/11/2023	
MMT 101	92117	Microbial Systematics	Saturday 25/11/2023	
Research Methodology				
RM - 106	91003	Research Methodology	Tuesday 28/11/2023	
Choose any one from Major Elective				
MME 103	92114	Environmental Microbiology	Thursday 30/11/2023	
	92112	Biochemistry		
	92113	Microbial Metabolism		

M.Sc. General Microbiology [NEP.]

Course code-2353	M.Sc Part-II Sem-II General MICROBIOLOGY			From March 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90151	Techniques in Microbiology	Thursday 23/11/2023	From 2.30 pm To 5.30 pm
CC-202	90152	Microbial Physiology Biochemistry and Metabolism	Saturday 25/11/2023	
CC-203	90153	Medical Microbiology	Tuesday 28/11/2023	
CC-204	90154	Microbial Ecology	Thursday 30/11/2023	

M.Sc. General Microbiology [C.B.C.S.]

Course code- 2341	M.Sc Part-II Sem-II General MICROBIOLOGY			From March 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84572	Techniques in Microbiology	Thursday 23/11/2023	From 2.30 pm To 5.30 pm
CC-202	84573	Microbial Physiology Biochemistry and Metabolism	Saturday 25/11/2023	
CC-203	84574	Medical Microbiology	Tuesday 28/11/2023	
CC-204	84575	Microbial Ecology	Thursday 30/11/2023	

M.Sc. Geology[NEP]

Course code- 2353	M.Sc. Part-I Sem-I Geology			New Revised(NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87826	Mineralogy Optics And Crystallography	Monday 20/11/2023	From 10.30 am To 1.30 pm
CC-102	87827	Igneous Petrology	Wednesday 22/11/2023	
CC-103	87828	Metamorphic petrology	Friday 24/11/2023	
CC-104	87829	Sedimentary Petrology	Tuesday 28/11/2023	

M.Sc. Geology[C.B.C.S.]

Course code-2341	M.Sc. Part-I Sem-I Geology			Revised From Oct 2019 Exam	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
CC-101	83464	Mineralogy Optics And Crystallography	Monday 20/11/2023	From 10.30 am To 1.30 pm	
CC-102	83465	Igneous Petrology	Wednesday 22/11/2023		
CC-103	83466	Metamorphic petrology	Friday 24/11/2023		
CC-104	83467	Sedimentary Petrology	Tuesday 28/11/2023		
Course code-2375	M.Sc. Part-I Sem-I Geology(NEP 2020)			Revised From Oct 2023 Exam	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
Major Mandatory					
MMT-101	92087	Mineralogy, Optics And Crvstallography	Monday 20/11/2023	From 10.30 am To 1.30 pm	
MMT-102	92088	Igneous Petrology	Wednesday 22/11/2023		
Research Methodology					
RMT 101	93750	Research Methodology	Friday 24/11/2023		
Choose any one from Major Elective					
MET-101	92089	Stratigraphy and Palaetology	Tuesday 28/11/2023		
MET -102	92090	Remote Sensing and Geomorphology			

M.Sc. Geology[NEP.]

Course code-2353	M.Sc. Part-I Sem-II Geology			New Revised From March 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	90157	Structural Geology and Geotectonics	Monday 20/11/2023	From 2.30 pm To 5.30 pm
CC-202	90158	Stratigraphy and Palaeontology	Wednesday 22/11/2023	
CC-203	90159	Economic Geology	Friday 24/11/2023	
CC-204	90160	Remote sensing and Geomorphology	Tuesday 28/11/2023	

M.Sc. Geology[C.B.C.S.]

Course code-2341	M.Sc. Part-I Sem-II Geology			New Revised From March 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84579	Structural Geology and Geotectonics	Monday 20/11/2023	From 2.30 pm To 5.30 pm
CC-202	84580	Stratigraphy and Palaeontology	Wednesday 22/11/2023	
CC-203	84581	Economic Geology	Friday 24/11/2023	
CC-204	84582	Remote sensing and Geomorphology	Tuesday 28/11/2023	

M.Sc Part-I Sem-I Biotechnology(Entire) (NEP 2020)

Course code-2375	M.Sc Part-I Sem-I Biotechnology(Entire)			Revised From Oct 2023 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
Major Mandatory				From 10.30 am To 1.30 pm
MMT-102	92365	Basics in Microbiology	Monday 20/11/2023	
MMT-101	92364	Cell Biology	Wednesday 22/11/2023	
Research Methodology				
RM-BTE-106	93982	Research Methodology	Friday 24/11/2023	
Choose any one from Major Elective				
MET-103 (A)	92366	Biomolecules and Instrumentations	Tuesday 28/11/2023	
MET-103 (C)	92368	Biostatistics and Computer		
MET-103 (B)	92367	Microbial Diversity and Systematics		

Note:- In Case of any Query found in respective Question Paper ,Student shall communicate the same through Principal/Senior supervisor within 03 days from the date of concerned Question paper to, Deputy Registrar Appointment section Room No.205 Exam Building No.1 Shivaji University,Kolhapur-416004

s/d

**Vidyanagar,
Kolhapur-416004
Date :- -16-10-2023**

**Dr. Ajitsinh N Jadhav
Director
Board of Examinations And Evaluation**