



Swami Ramanand Teerth Marathwada University, Nanded.

EXAMINATION PROGRAMME

B.Sc. I, III & V Semester (Theory Pattern) (CBCS)

(Regular) Examination Winter- 2019

The Examination shall be held on days & dates mentioned below at all Centres simultaneously.

Course Code: X

Sr. No.	Date	Semester	Subject	Paper Title & Paper No.	Timing	DAYS
1 (1001)	10-10-2019	V	ENVIRONMENTAL STUDIES	(1001) Environmental Study (Compulsory)	10 To 12	1
2	11-10-2019	I	HINDI-SL	(A-2) Hindi (SL)	10 To 12	2
3	11-10-2019	I	MARATHI-SL	(A-3) Marathi (SL)	10 To 12	2
4	11-10-2019	I	URDU-SL	(A-4) Urdu (SL)	10 To 12	2
5	11-10-2019	I	SANSKRIT-SL	(A-5) Sanskrit (SL)	10 To 12	2
6	11-10-2019	I	PALI-SL	(A-6) Pali (SL)	10 To 12	2
7	11-10-2019	I	ADDITIONAL ENGLISH-SL	(A-7) Additional English (SL)	10 To 12	2
8	11-10-2019	I	KANNADA-SL	(A-8) Kannada (SL)	10 To 12	2
9	11-10-2019	III	ENGLISH-COMPULSORY	(A-9) English Communication-III	02 To 04	2
10	12-10-2019	V	CHEMISTRY	Organic Chem + Inorganic Chemistry - XII	10 To 01	3
11	12-10-2019	V	CHEMISTRY	Physical Chem+ Inorganic Chemistry -XIII (Regular) OR	10 To 01	3
12	12-10-2019	V	CHEMISTRY	Physical Chem+Inorganic Chemistry -XIII (Elective)	10 To 01	3
13	14-10-2019	I	ENGLISH-COMPULSORY	(A-22) English Communication-I	10 To 12	4
14	14-10-2019	III	HINDI-SL	(A-23) Hindi (SL)	02 To 04	4
15	14-10-2019	III	MARATHI-SL	(A-24) Marathi (SL)	02 To 04	4
16	14-10-2019	III	URDU-SL	(A-25) Urdu (SL) (Old)	02 To 04	4
17	14-10-2019	III	URDU-SL	(A-26) Urdu (SL) (New)	02 To 04	4
18	14-10-2019	III	SANSKRIT-SL	(A-27) Sanskrit (SL)	02 To 04	4
19	14-10-2019	III	PALI-SL	(A-28) Pali (SL)	02 To 04	4
20	14-10-2019	III	ADDITIONAL ENGLISH-SL	(A-29) Additional English (SL)	02 To 04	4
21	14-10-2019	III	KANNADA-SL	(A-30) Kannada (SL)	02 To 04	4
22	15-10-2019	V	BOTANY	Plant Physiology - XII	10 To 01	5
23	15-10-2019	V	BOTANY	Plant Pathology-I -XIII OR	10 To 01	5
24	15-10-2019	V	BOTANY	Systematic Botany-I - XIII OR	10 To 01	5
25	15-10-2019	V	BOTANY	Herbal Technology-I - XIII	10 To 01	5
26	15-10-2019	V	MATHEMATICS	Metric Spaces - XII	10 To 01	5

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27	15-10-2019	V	MATHEMATICS	Linear Algebra - XIII	10 To 01	5
28	16-10-2019	I	CHEMISTRY	Organic & Inorganic Chemistry - I (New)	10 To 01	6
29	16-10-2019	I	CHEMISTRY	Physical & Inorganic Chemistry -II (New)	10 To 01	6
30	16-10-2019	III	CHEMISTRY	Organic Chemistry + Inorganic Chemistry - VI	02 To 05	6
31	16-10-2019	III	CHEMISTRY	Physical Chemistry + Inorganic Chemistry - VII	02 To 05	6
32	17-10-2019	V	MATHEMATICS	Operation Research - XIV OR	10 To 12	7
33	17-10-2019	V	MATHEMATICS	Mechanics - I - XIV OR	10 To 12	7
34	17-10-2019	V	MATHEMATICS	Complex Analysis -XIV	10 To 12	7
35	18-10-2019	I	BOTANY	Viruses, Bacteria Algae , Fungi , Lichens and Mycorrhiza-I (New)	10 To 01	8
36	18-10-2019	I	BOTANY	Plant Ecology, Phytogeography and Environmental Biology-II (New)	10 To 01	8
37	18-10-2019	I	MATHEMATICS	Differential Calculus-I (New)	10 To 01	8
38	18-10-2019	I	MATHEMATICS	Algebra and Trigonometry - II (New)	10 To 01	8
39	18-10-2019	III	BOTANY	Morphology and Taxonomy of Angiosperms - VI	02 To 05	8
40	18-10-2019	III	BOTANY	Histology, Anatomy & Embryology of Angiosperms - VII	02 To 05	8
41	18-10-2019	III	MATHEMATICS	Real Analysis- I-VI	02 To 05	8
42	18-10-2019	III	MATHEMATICS	Group Theory - VII	02 To 05	8
43	19-10-2019	V	PHYSICS	Quantum Mechanics - XII	10 To 01	9
44	19-10-2019	V	PHYSICS	Solid State Physics - XIII OR	10 To 01	9
45	19-10-2019	V	PHYSICS	Solar Energy-XIII OR	10 To 01	9
46	19-10-2019	V	PHYSICS	Astrophysics (PHY-303)- XIII	10 To 01	9
47	19-10-2019	V	ZOOLOGY	Ecology & Zoogeography- XII	10 To 01	9
48	19-10-2019	V	ZOOLOGY	Applied Zoology A- Pisciculture - XIII OR	10 To 01	9
49	19-10-2019	V	ZOOLOGY	Applied Zoology B- Applied Parasitology-I - XIII OR	10 To 01	9
50	19-10-2019	V	ZOOLOGY	Applied Zoology C- Entomology - I - XIII OR	10 To 01	9
51	19-10-2019	V	ZOOLOGY	Applied Zoology D- Environmental Biology-I -XIII	10 To 01	9
52	21-10-2019	I	PHYSICS	Mechanics and Properties of Matter-I (New)	10 To 01	10
53	21-10-2019	I	PHYSICS	Mathematical Methods in Physics-II (New)	10 To 01	10
54	21-10-2019	I	ZOOLOGY	Biodiversity of Invertebrates-I (New)	10 To 01	10
55	21-10-2019	I	ZOOLOGY	Biodiversity of Chordates-II (New)	10 To 01	10
56	21-10-2019	III	MATHEMATICS (Only for B.Sc.)	Ordinary Differential Equations-VIII	10 To 12	10
57	22-10-2019	V	STATISTICS	Survey Sampling - XII	10 To 01	11
58	22-10-2019	V	STATISTICS	Linear Programming -XIII OR	10 To 01	11

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59	22-10-2019	V	STATISTICS	Statistical Quality Control – XIII	10 To 01	11
60	22-10-2019	V	MICROBIOLOGY	Microbial Genetics – XII	10 To 01	11
61	22-10-2019	V	MICROBIOLOGY	Microbial Metabolism – XIII OR	10 To 01	11
62	22-10-2019	V	MICROBIOLOGY	Nitrogen Metabolism – XIII	10 To 01	11
63	23-10-2019	I	BIOPHYSICS	Molecular Biophysics-I (New)	10 To 01	12
64	23-10-2019	I	BIOPHYSICS	Biostatistics & Computer Fundamentals-II (New)	10 To 01	12
65	23-10-2019	III	PHYSICS	Waves, Oscillations & Acoustics – VI	02 To 05	12
66	23-10-2019	III	PHYSICS	Statistical Physics, Electromagnetic Theory & Relativity – VII	02 To 05	12
67	23-10-2019	III	ZOOLOGY	Genetics – VI	02 To 05	12
68	23-10-2019	III	ZOOLOGY	Comparative Anatomy & Physiology – VII	02 To 05	12
69	24-10-2019	V	COMPUTER APPLICATION	Relational Database Management System & SQL-I - XII	10 To 01	13
70	24-10-2019	V	COMPUTER APPLICATION	Programming in Visual Basic-I – XIII OR	10 To 01	13
71	24-10-2019	V	COMPUTER APPLICATION	Programming in JAVA-I – XIII	10 To 01	13
72	24-10-2019	V	GEOLOGY	Geomorphology & Photo geology – XII	10 To 01	13
73	24-10-2019	V	GEOLOGY	Engineering & Hydrogeology – XIII OR	10 To 01	13
74	24-10-2019	V	GEOLOGY	Environmental Geology-XIII	10 To 01	13
75	24-10-2019	V	ANALYTICAL CHEMISTRY	Modern Techniques of Chemical Analysis – I - XII	10 To 01	13
76	24-10-2019	V	ANALYTICAL CHEMISTRY	Applied Analytical Chemistry-I – XIII OR	10 To 01	13
77	24-10-2019	V	ANALYTICAL CHEMISTRY	Fundamental Concepts of Analytical Chemistry-XIII	10 To 01	13
78	24-10-2019	V	AGROCHEMICAL & FERTILIZER	Agronomy & Seed Technology- XII	10 To 01	13
79	24-10-2019	V	AGROCHEMICAL & FERTILIZER	Horticulture – XIII OR	10 To 01	13
80	24-10-2019	V	AGROCHEMICAL & FERTILIZER	Vegetable Production-XIII (CBCS)	10 To 01	13
81	24-10-2019	V	ENVORONMENTAL SCIENCE	Water Pollution & Waste Water Analysis – XII	10 To 01	13
82	24-10-2019	V	ENVORONMENTAL SCIENCE	Environmental Instrumentation-I – XIII OR	10 To 01	13
83	24-10-2019	V	ENVORONMENTAL SCIENCE	Environmental Education & Biodiversity – XIII	10 To 01	13
84	24-10-2019	V	HORTCULTURE	Production Technology of Spices Condiments Crops – XII	10 To 01	13
85	24-10-2019	V	HORTCULTURE	Post-Harvest and Handling of Horticultural Crops-XIII	10 To 01	13
86	24-10-2019	V	FISHERY SCIENCE	Indian Fisheries and Mericulture – XII	10 To 01	13
87	24-10-2019	V	FISHERY SCIENCE	Aquaculture tech.& Fish Nutrition–XIII OR	10 To 01	13
88	24-10-2019	V	FISHERY SCIENCE	Soil and Water Management in Aquaculture-XIII	10 To 01	13
89	24-10-2019	V	DYES AND DRUGS	Chemistry of Synthetic Dyes-I – XII	10 To 01	13
90	24-10-2019	V	DYES AND DRUGS	Chemistry of Synthetic Drugs – XIII OR	10 To 01	13

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91	24-10-2019	V	DYES AND DRUGS	Natural Dyes for Industrial Applications-XIII	10 To 01	13
92	24-10-2019	V	INDUSTRIAL CHEMISTRY	Unit Process in Organic Synthesis – XII	10 To 01	13
93	24-10-2019	V	INDUSTRIAL CHEMISTRY	Process Equipment& Design & Process Instrumentation-XIII OR	10 To 01	13
94	24-10-2019	V	INDUSTRIAL CHEMISTRY	Chemical Engineering Thermodynamics-XIII	10 To 01	13
95	24-10-2019	V	DAIRY SCIENCE	Technology of Indigenous Dairy Products-XII	10 To 01	13
96	24-10-2019	V	DAIRY SCIENCE	Forage Production, Feeds and Feeding – XIII	10 To 01	13
97	24-10-2019	V	AGRICULTURAL MICROBIOLOGY	Genetics and Molecular Biology – XII	10 To 01	13
98	24-10-2019	V	AGRICULTURAL MICROBIOLOGY	Industrial Biotechnology - XIII OR	10 To 01	13
99	24-10-2019	V	AGRICULTURAL MICROBIOLOGY	Microbial Enzymes and Crop Production-XIII	10 To 01	13
100	24-10-2019	V	BIOTECHNOLOGY	Plants Tissue Culture – XII	10 To 01	13
101	24-10-2019	V	BIOTECHNOLOGY	Environmental Biotechnology – XIII	10 To 01	13
102	24-10-2019	V	ELECTRONICS	Communication Electronics – I – XII	10 To 01	13
103	24-10-2019	V	ELECTRONICS	Power Electronics-I – XIII OR	10 To 01	13
104	24-10-2019	V	ELECTRONICS	Intro.to Microcontroller(8051)-XIII	10 To 01	13
105	25-10-2019	I	COMPUTER APPLICATION	Problem Solving with Computers-I (New)	10 To 01	14
106	25-10-2019	I	COMPUTER APPLICATION	Web Page Designing using HTML-II (New)	10 To 01	14
107	25-10-2019	I	GEOLOGY	Earth as a Planet & Dynamic Geology-I (New)	10 To 01	14
108	25-10-2019	I	GEOLOGY	Mineralogy and Crystallography – II (New)	10 To 01	14
109	25-10-2019	I	ANALYTICAL CHEMISTRY	General Concepts of Analytical Chem(I)- I (New)	10 To 01	14
110	25-10-2019	I	ANALYTICAL CHEMISTRY	Basic Analytical Chemistry (I) – II (New)	10 To 01	14
111	25-10-2019	I	AGROCHEMICAL & FERTILIZER	Introductory Soil Science-I (New)	10 To 01	14
112	25-10-2019	I	AGROCHEMICAL & FERTILIZER	Agricultural Biochemistry-II (New)	10 To 01	14
113	25-10-2019	I	ENVORONMENTAL SCIENCE	Earth and Earth Surface Process-I (New)	10 To 01	14
114	25-10-2019	I	ENVORONMENTAL SCIENCE	Basic Science of Environment-II (New)	10 To 01	14
115	25-10-2019	I	HORTCULTURE	Fundamentals of Horticulture-I (New)	10 To 01	14
116	25-10-2019	I	HORTCULTURE	Propagation and Nursery Mgmt.-II (New)	10 To 01	14
117	25-10-2019	I	FISHERY SCIENCE	Ichthyotaxonomy & Ecological Adaptation-I (New)	10 To 01	14
118	25-10-2019	I	FISHERY SCIENCE	Type Study Wallago Attu-II (New)	10 To 01	14
119	25-10-2019	I	DYES AND DRUGS	Introduction to Dyes-I (New)	10 To 01	14
120	25-10-2019	I	DYES AND DRUGS	Introduction to Drugs-II (New)	10 To 01	14
121	25-10-2019	I	INDUSTRIAL CHEMISTRY	Fluid Mechanics & Unit Operations-I (New)	10 To 01	14
122	25-10-2019	I	INDUSTRIAL CHEMISTRY	Material Balance & Process Calculation – II (New)	10 To 01	14

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123	25-10-2019	I	DAIRY SCIENCE	Dairy Farming in India-I (New)	10 To 01	14
124	25-10-2019	I	DAIRY SCIENCE	Milk & Physiology of Location-II (New)	10 To 01	14
125	25-10-2019	I	AGRICULTURAL MICROBIOLOGY	Introductory Agricultural Microbiology-I (New)	10 To 01	14
126	25-10-2019	I	AGRICULTURAL MICROBIOLOGY	Cell Biology and Microbial Growth-II (New)	10 To 01	14
127	25-10-2019	I	BIOTECHNOLOGY	Cell Biology-I (New)	10 To 01	14
128	25-10-2019	I	BIOTECHNOLOGY	Introductory Microbiology-II (New)	10 To 01	14
129	25-10-2019	I	ELECTRONICS	Basic Electronics and Network Analysis-I (New)	10 To 01	14
130	25-10-2019	I	ELECTRONICS	Basic Digital Electronics-II (New)	10 To 01	14
131	25-10-2019	III	BIOPHYSICS	Membrane Biophysics - VI	02 To 05	14
132	25-10-2019	III	BIOPHYSICS	Molecular Biology - VII	02 To 05	14
133	20-11-2019	V	BIOPHYSICS	Immunology - XII	10 To 01	15
134	20-11-2019	V	BIOPHYSICS	Bio Informatics & Structural Biology - XIII	10 To 01	15
135	21-11-2019	I	STATISTICS	Descriptive Statistics & Computing -I (New)	10 To 01	16
136	21-11-2019	I	STATISTICS	Elementary Probability Theory - II (New)	10 To 01	16
137	21-11-2019	I	MICROBIOLOGY	Introductory Microbiology-I (New)	10 To 01	16
138	21-11-2019	I	MICROBIOLOGY	Fundamentals of Microbiology-II (New)	10 To 01	16
139	21-11-2019	III	COMPUTER APPLICATION	Programming in C- VI	02 To 05	16
140	21-11-2019	III	COMPUTER APPLICATION	Programming in C ++ - VII	02 To 05	16
141	21-11-2019	III	GEOLOGY	Optical & Descriptive Mineralogy - VI	02 To 05	16
142	21-11-2019	III	GEOLOGY	Dynamics of Earth & Igneous Petrol.- VII	02 To 05	16
143	21-11-2019	III	ANALYTICAL CHEMISTRY	Inorganic and Organic Analysis-1 - VI	02 To 05	16
144	21-11-2019	III	ANALYTICAL CHEMISTRY	Instrumental Methods of Chemical Analysis-I- VII	02 To 05	16
145	21-11-2019	III	AGROCHEMICAL & FERTILIZER	Plant Nutrition & Fertilizers - VI	02 To 05	16
146	21-11-2019	III	AGROCHEMICAL & FERTILIZER	Insecticides & Herbicides - VII	02 To 05	16
147	21-11-2019	III	ENVORONMENTAL SCIENCE	Basic Concepts in Environmental Microbiology-VI	02 To 05	16
148	21-11-2019	III	ENVORONMENTAL SCIENCE	Air Pollution and Meteorology - VII	02 To 05	16
149	21-11-2019	III	HORTCULTURE	Production Technology of Vegetable Crops-I - VI	02 To 05	16
150	21-11-2019	III	HORTCULTURE	Ornamental and landscape Gardening-VII	02 To 05	16
151	21-11-2019	III	DYES AND DRUGS	Study of Pigments, azo, and azoic Dyes-VI	02 To 05	16
152	21-11-2019	III	DYES AND DRUGS	Synthesis and Application of Drugs action on CNS - VII	02 To 05	16
153	21-11-2019	III	FISHERY SCIENCE	Ecology & Fish Pathology-V I	02 To 05	16
154	21-11-2019	III	FISHERY SCIENCE	Fish Biology - VII	02 To 05	16

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155	21-11-2019	III	INDUSTRIAL CHEMISTRY	Unit Operation-(III) -VI	02 To 05	16
156	21-11-2019	III	INDUSTRIAL CHEMISTRY	Chemical Reaction Engineering-(I) -VII	02 To 05	16
157	21-11-2019	III	DAIRY SCIENCE	Animal Nutrition - VI	02 To 05	16
158	21-11-2019	III	DAIRY SCIENCE	Animal Genetics and reproduction-VII	02 To 05	16
159	21-11-2019	III	AGRICULTURAL MICROBIOLOGY	Applied Agricultural Microbiology - VI	02 To 05	16
160	21-11-2019	III	AGRICULTURAL MICROBIOLOGY	Microbes in Agriculture - VII	02 To 05	16
161	21-11-2019	III	BIOTECHNOLOGY	Molecular Biology - VI	02 To 05	16
162	21-11-2019	III	BIOTECHNOLOGY	Biophysical Techniques - VII	02 To 05	16
163	21-11-2019	III	ELECTRONICS	Amplifier Oscillators & Multi vibrators-VI	02 To 05	16
164	21-11-2019	III	ELECTRONICS	Fundamental of Microprocessors-VII	02 To 05	16
165	23-11-2019	I	INFORMATION TECHNOLOGY	Foundation of Information Technology-I (New)	10 To 01	17
166	23-11-2019	I	INFORMATION TECHNOLOGY	Web Technology-II (New)	10 To 01	17
167	23-11-2019	III	INFORMATION TECHNOLOGY	Operating System-VI	02 To 05	17
168	23-11-2019	III	INFORMATION TECHNOLOGY	Programming in JAVA-VII	02 To 05	17
169	25-11-2019	V	COMPUTER SCIENCE	Software Engineering - XII	10 To 01	18
170	25-11-2019	V	COMPUTER SCIENCE	Visual Programming-XIII OR	10 To 01	18
171	25-11-2019	V	COMPUTER SCIENCE	Cloud Computing-XIII	10 To 01	18
172	26-11-2019	I	COMPUTER SCIENCE	Programming Logic Concepts-I (New)	10 To 01	19
173	26-11-2019	I	COMPUTER SCIENCE	Designing of Web Pages Using HTML-II (New)	10 To 01	19
174	26-11-2019	III	COMPUTER SCIENCE	Operating system-VI	02 To 05	19
175	26-11-2019	III	COMPUTER SCIENCE	Programming in C++ - VII	02 To 05	19
176	27-11-2019	V	INFORMATION TECHNOLOGY	Software Engineering and Design Concept-XII	10 To 01	20
177	27-11-2019	V	INFORMATION TECHNOLOGY	Programming in Visual Basic-XIII (A) OR	10 To 01	20
178	27-11-2019	V	INFORMATION TECHNOLOGY	Cloud Computing and Platforms-XIII(B)	10 To 01	20
179	28-11-2019	III	STATISTICS	Continuous Probability Distributions - VI	02 To 05	21
180	28-11-2019	III	STATISTICS	Applied Statistics - VII	02 To 05	21
181	28-11-2019	III	MICROBIOLOGY	Applied Microbiology - VI	02 To 05	21
182	28-11-2019	III	MICROBIOLOGY	Immunology - VII	02 To 05	21

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