## University of Mumbai





Winter 2019

## EXAMINATION TIME TABLE PROGRAMME - M.Sc. & M.Sc. (Research) (Choice Based) SEMESTER -I

| Days and Dates              | Time                     | Paper Code | Paper  |
|-----------------------------|--------------------------|------------|--|
| Thursday, December 12, 2019 | 10:30 a.m. to 01:30 p.m. | 94601      | Mathematics: Set Theory And Logic (Rev)  |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94602      | Physics: Mathematical Methods (Rev)  |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94603      | Chemistry: Physical Chemistry (Rev)  |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94604      | BioChemistry: Advanced Bio-Organic<br>Chemistry (Rev)  |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94605      | Botany: Plant Diversity : Cryptogams - I,<br>(Algae And Fungi)                                 |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94606      | Zoology: Non-Chordates, Chordates And<br>Their Phylogeny - I                                   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94607      | Geology : Stratigraphy And Geology :Of<br>India  |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94608      | Microbiology:Cell Biology & Virology   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94609      | Computer Science: Analysis Of Algorithms<br>And Researching                                    |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94610      | Life Sciences: Environmental Biology,<br>Evolution, Genetics                                   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94611      | Biophysics: General Physico-Chemical<br>Principles   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94612      | Environmental Sciences: Ecology And<br>Ecosystem   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94613      | Biotechnology: BioChemistry:   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94614      | Bioanalytical Science:Different Medicinal<br>Systems, Pharmacognosy & Extraction<br>Techniques |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94615      | Information Technology:Data Mining   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94616      | Herbal Science: Plant Sciences - I   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94617      | Bioinformatics: Fundamentals Of Biology  |

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| Days and Dates              | Time                     | Paper Code | Paper  |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94618      | Nutraceuticals: Food Chemistry: And<br>BioChemistry: (Fcb-I)                 |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94619      | Biodiversity &Wildlife Biodiversity : Global<br>And Indian                   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94620      | BioChemistry:Advanced Bio-Organic<br>Chemistry (Old)                         |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94621      | Chemistry: Physical Chemistry(Old)   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94622      | Physics:Mathematical Methods (Old)   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94623      | Mathematics: Soft Skills (Old)   |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94624      | L.Sc.Aquaculture Tech.: Environmental<br>Biology, Evolution, Genetics        |
| Thursday, December 12, 2019 | 10:30 a.m. to 01:00 p.m. | 94707      | Nanoscience & Nanotechnology: Paper I:<br>Essential Physics                  |
| Monday, December 16, 2019   | 10:30 a.m. to 01:30 p.m. | 94625      | Mathematics: Algebra - I (Rev)   |
| Monday, December 16, 2019   | 10:30 a.m. to 01:30 p.m. | 94626      | Statistics : Probability Theory And Sampling<br>- I                          |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94627      | Geography: Principles Of Geomorphology                                       |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94628      | Physics: Classical Mechanics (Rev)   |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94629      | Chemistry: Inorganic Chemistry (Rev)   |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94630      | BioChemistry: Advanced Instrumentation<br>And Analytical Techniques (Rev)    |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94631      | Botany: Plant Diversity : Spermatophyta - I<br>(Gymnosperms And Angiosperms) |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94632      | Zoology: BioChemistry: And Metabolism - I                                    |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94633      | Geology : GeoChemistry:  |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94634      | Microbiology: Microbial Genetics   |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94635      | Computer Science: Advanced Networking<br>Concepts                            |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94636      | Life Sciences: Cell And Molecular Biology                                    |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94637      | BioPhysics: BioMathematics: & Biostatistics                                  |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94638      | Environmental Sciences: Biodiversity   |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94639      | Biotechnology: Immunology  |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94640      | Bioanalytical Science: Glp,Drug Act And<br>Quality Management                |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94641      | Information Technology: Distributed<br>Systems                               |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94642      | Herbal Science: Modern Plant<br>Authentification Techniques                  |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94643      | Bioinformatics: Sequence Analysis &<br>Taxonomy                              |
| Monday, December 16, 2019   | 10:30 a.m. to 01:00 p.m. | 94644      | Nutraceuticals: Human Nutrition And<br>Physiology Clinical Dietetics (Npc-I) |

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| Days and Dates               | Time                     | Paper Code | Paper   |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94645      | Biodiversity &Wildlife BioGeography: &<br>Natural History                 |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94646      | BioChemistry: Advanced Instrumentation<br>And Analytical Techniques (Old) |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94647      | Chemistry: Inorganic Chemistry (Old)                                      |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94648      | Physics: Classical Mechanics (Old)  |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94649      | Mathematics: Algebra - I (Old)  |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94650      | L.Sc.Aquaculture Tech.: Cell And Molecular<br>Biology                     |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94708      | Nanoscience & Nanotechnology: Paper I :<br>Essential Chemistry            |
| Monday, December 16, 2019    | 10:30 a.m. to 01:00 p.m. | 94709      | Statistics : Probability Theory (R-2018-19)                               |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:30 p.m. | 94651      | Mathematics: Analysis - I (Rev)   |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:30 p.m. | 94652      | Statistics : Linear Models - I  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:30 p.m. | 94711      | Statistics : Linear Models - I (R-2018-19)                                |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94653      | Geography: Principles Of Climatology                                      |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94654      | Physics: Quantum Mechanics - I (Rev)                                      |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94655      | Chemistry: Organic Chemistry (Rev)  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94656      | BioChemistry: Industrial BioChemistry: And<br>Bioinformatics: - I (Rev)   |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94657      | Botany: Plant Physiology  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94658      | Zoology: Genetics, Evolution And<br>Developmental Biology - I             |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94659      | Geology : Structural Geology  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94660      | Microbiology: Microbial BioChemistry:                                     |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94661      | Computer Science: Advanced Database<br>Systems                            |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94662      | Life Sciences: BioChemistry:  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94663      | BioPhysics: Cellular BioPhysics:  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94664      | Environmental Sciences: Environment And<br>Natural Resources              |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94665      | Biotechnology: Molecular Biology  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94666      | Bioanalytical Science: Chromatography And<br>Spectroscopy - I             |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94667      | Information Technology: Data Analysis Tools                               |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94668      | Herbal Science: Cultivation Practices - I                                 |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94669      | BioChemistry: Industrial BioChemistry (Old)                               |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94670      | Chemistry: Organic Chemistry (Old)  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94671      | Physics: Quantum Mechanics - I (Old)                                      |

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| Days and Dates               | Time                     | Paper Code | Paper  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94672      | Mathematics: Analysis - I (Old)  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94673      | L.Sc.Aquaculture Tech.: Biochemistry   |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94674      | Biodiversity &Wildlife Basics Of Wildlife<br>Biology   |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94675      | Nutraceuticals: Nutraceuticals:And<br>Functional Foods (Nff-I)                                 |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94676      | Bioinformatics: Biostatistics  |
| Wednesday, December 18, 2019 | 10:30 a.m. to 01:00 p.m. | 94710      | Nanoscience & Nanotechnology: Paper I:<br>Essential Biology                                    |
| Friday, December 20, 2019    | 10:30 a.m. to 01:30 p.m. | 94677      | Mathematics: Complex Analysis (Rev)  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:30 p.m. | 94678      | Statistics : Distribution Theory And<br>Estimation - I   |
| Friday, December 20, 2019    | 10:30 a.m. to 01:30 p.m. | 94713      | Statistics : Theory of Estimation (R-2018-<br>19)  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94679      | Geography: Perspectives In Human<br>Geography:   |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94680      | Physics: Solid State Physics (Rev)   |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94681      | Chemistry: Analytical Chemistry (Rev)  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94682      | BioChemistry: Research Methodology, Bio-<br>Statistics & Soft Skills Devvelopment - I<br>(Rev) |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94683      | Botany: Cytogenetics, Molecular Biology &<br>Biotechnology:                                    |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94684      | Zoology: Tools And Techniques In Biology -<br>I  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94685      | Geology : Mineralogy : Descriptive And<br>Optical  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94686      | Microbiology: Medical Microbiology: &<br>Immunology  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94687      | Computer Science: Robotics And Artificial<br>Intelligence                                      |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94688      | Life Sciences: BioStatistics :And<br>Instrumentation   |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94689      | BioPhysics: Methods In BioPhysics:   |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94690      | Environmental Sciences: Environmental<br>Pollution   |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94691      | Biotechnology: Biochemical And Biophysical<br>Techniques                                       |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94692      | Bioanalytical Science:<br>Proteomics,Bioinformatics: And<br>Environmental Issues               |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94693      | Information Technology: Software Testing   |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94694      | Herbal Science: Phytoconstituents - I  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94695      | Bioinformatics: Programming Language &<br>Databases  |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94696      | BioChemistry: Research Methodology, Bio-<br>Statistics :& Bio-Informatics (Old)                |
| Friday, December 20, 2019    | 10:30 a.m. to 01:00 p.m. | 94697      | Chemistry: Analytical Chemistry (Old)  |

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| Days and Dates            | Time                     | Paper Code | Paper  |
| Friday, December 20, 2019 | 10:30 a.m. to 01:00 p.m. | 94698      | Physics: Solid State Devices (Old)   |
| Friday, December 20, 2019 | 10:30 a.m. to 01:00 p.m. | 94699      | Mathematics: Complex Analysis-I (Old)  |
| Friday, December 20, 2019 | 10:30 a.m. to 01:00 p.m. | 94700      | L.Sc.Aquaculture Tech.: BioStatistics :And<br>Instrumentation                          |
| Friday, December 20, 2019 | 10:30 a.m. to 01:00 p.m. | 94701      | Biodiversity &Wildlife Planning And<br>Execution Of Field Survyes                      |
| Friday, December 20, 2019 | 10:30 a.m. to 01:00 p.m. | 94702      | Nutraceuticals: Biostatistics,<br>Instrumentation And Biological Evaluation<br>(Bib-1) |
| Friday, December 20, 2019 | 10:30 a.m. to 01:00 p.m. | 94712      | Nanoscience & Nanotechnology: Paper I:<br>Essential Mathematics                        |
| Friday, December 27, 2019 | 10:30 a.m. to 01:30 p.m. | 94703      | Mathematics: Discrete Mathematics (Rev)  |
| Friday, December 27, 2019 | 10:30 a.m. to 01:30 p.m. | 94704      | Statistics : Planning And Analysis Of<br>Experiments - I                               |
| Friday, December 27, 2019 | 10:30 a.m. to 01:30 p.m. | 94714      | Statistics : Sampling Techniques (R-2018-<br>19)                                       |
| Friday, December 27, 2019 | 10:30 a.m. to 01:00 p.m. | 94705      | Geography: Spatial Organisation Of<br>Economic Activities                              |
| Friday, December 27, 2019 | 10:30 a.m. to 01:00 p.m. | 94706      | Mathematics: Discrete Mathematics (Old)  |

Important Note: • The candidates appearing for the examination should report 20 minutes before the start of examination.

Mobile phones and other ectronic gazets are prohibited in the examination hall.
Change if any, in the time table shall be communicated on the university web site.

Mumbai - 400 098 10<sup>th</sup> October, 2019 Sd/-Dr. Vinod P. Patil Director Board of Examinations & Evaluation

ST-106