

University of Mumbai



S1212

SECOND HALF 2016

EXAMINATION TIME TABLE PROGRAMME - M.Sc.(OTHER THAN MATHEMATICS,STATISTICS &GEOGRAPHY)(PART-II)

Days and Dates	Time	Paper
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper V – Classical Electrodynamics & Statistical Mechanics.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Physical Chemistry – Paper I – Atomic Structure Chemical Bonding, Symmetry and Group Theory Spectroscopy.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Inorganic Chemistry – Paper I – Solid State Chemistry.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Organic Chemistry – Paper I– Physical Organic Chemistry and Photochemistry.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Analytical Chemistry – Paper I – Quality in Analytical Chemistry.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Biochemistry : Paper V – Biochemical Genetics & Genomics
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper V – Techniques & Instrumentation
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper V – Basics of Industrial and Environmental Biotechnology
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Geology : Paper I – Igneous & Metamorphic Petrology.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Microbiology : Paper V – Immunology and Microbiology in Health Science
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper I – Artificial Intelligence and Image Processing.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biological Macromolecules – Paper I – Biophysics & Bioinformatics.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biotechnology – Paper I – Perspective of Biotechnology.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Applied Medical Science – Paper I – Human Genetics & Immunology.

Days and Dates	Time	Paper
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Neurobiology – Paper I – Organization of the Nervous System.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences: Environmental Biotechnology - Paper I - Environmental Biology and Environmental Biotechnology
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Biotechnology : Paper V - Computational Biotechnology.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Environmental Science : Paper V – Pollution Control and Waster Management.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Biophysics : Paper V – Biomolecular Spectroscopy and Biocrystallography.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Bioanalytical Sciences : Paper V – Basic Microbiology, Genomics, CE and Toxicology.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Information Technology : Paper I – Software Testing and Information Security.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Herbal Sciences : Paper V – Microbiology, Immunology, Human Body.
Friday, October 14, 2016	11:00 a.m. to 02:00 p.m.	Bioinformatics: Paper V- Molecular Modeling and Drug Designing
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VI – Automic & Molecular Physics, Laser & Plasma Physics.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Physical Chemistry – Paper II – Materials Science Statistical Thermodynamics, Non-equilibrium Thermodynamics and Photo-Chemistry.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Inorganic Chemistry – Paper II – Co-ordination Chemistry.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Organic Chemistry – Paper II – Synthetic Organic Chemistry.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Analytical Chemistry – Paper II – Advanced Instrumental Techniques.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Biochemistry : Paper VI – Advanced Immunology
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VI – Cell Molecular Biology.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VI – Genetic Engineering Techniques and Its Applications.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Geology : Paper II – Geology of India.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Microbiology : Paper VI – Advances in Biotechnology
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper II – Distributed Computing and Embedded System.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biological Macromolecules – Paper II – Molecular Cell Biology.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biotechnology – Paper II – Enzymology & Industrial Biotechnology.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Applied Medical Science – Paper II – Microbial Diseases & Disorders.

Days and Dates	Time	Paper
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Neurobiology – Paper II – Systems Approach to Neurosciences.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences: Environmental Biotechnology - Paper II - Environmental Biochemistry and Analytical Techniques Environmental Pollution Assessment and Monitoring and Bioremediation
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Biotechnology : Paper VI - Cell Biotechnology.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Environmental Science : Paper VI – Environmental Bio-technology and Health.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Biophysics : Paper VI – Biophysical Methods and Instrumentation.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Bioanalytical Sciences – Paper VI – MS Application, Metabolite Studies, Thermal Analysis and Tracer Techniques
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Information Technology – Paper II – Artificial Intelligence and Robotics.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Herbal Sciences : Paper VI – Herbal Science – Commercial Aspect.
Tuesday, October 18, 2016	11:00 a.m. to 02:00 p.m.	Bioinformatics: Paper VI- Sequence Analysis and Taxonomy
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Optional Papers – Nuclear Physics.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Solid State Physics.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Solid State Electronics – I.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Electronics – Microprocessors , Microcomputers & Embedded Applications.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Electronics – Electronics Communications.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Chemical Physics.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Laser Plasma Physics.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Theoretical Physics, Astronomy.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Space Physics.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VII – Material Science.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Physical Chemistry – Paper III – Advanced Instrumental Techniques.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Inorganic Chemistry – Paper III – Instrumental Methods & Analysis.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Organic Chemistry – Paper III – Heterocyclic Chemistry.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Analytical Chemistry – Paper III – Environmental and Certain Industrially Important Materials.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Biochemistry : Paper VII – Clinical Biochemistry & Nutrition
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VII – Micology and Plant Pathology.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VII – Angiosperms and Phytochemistry.

Days and Dates	Time	Paper
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VII – Plant Physiology and Biochemistry.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VII – Environmental Botany.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VII – Molecular Biology, Cytogenetics and Biotechnology.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VII – Oceanography, Fishery, Science and Aquaculture – General, Physical, Chemical and Biological Oceanography.
		OR.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VII – Animal Physiology – Comprehensive Physiology.
		OR.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VII – Endocrinology – Vertebrate Endocrinology and Reproductive Biology.
		OR.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VII – Entomology – General Entomology.
		OR.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VII – Environmental Sciences – Concepts in Environmental Science.
		OR.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VII – Toxicology – General Principles of Toxicology.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Geology : Paper III – Marine Geology, Structural Analysis & Geotectonics with Reference to Indian Plate.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Microbiology : Paper VII – Quality Management Systems in Microbiological Practices
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper III – Elective I – Parallel Processing and Advanced Computer Networks.
		OR
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper III – System Security and Internet Security.
		OR
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper III – Enterprise Networking and Satellite Communications.
		OR
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Computer Sciences : Paper III – Fuzzy Logic, Neural Network and Multimedia Systems and Convergence of Technologies.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biological Macromolecules – Paper III – Metabolism & its Regulation.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biotechnology – Paper III – Molecular Biotechnology.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Applied Medical Science – Paper III – Routine Diagnostic Techniques.

Days and Dates	Time	Paper
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Neurobiology – Paper III – Behavioral Neurosciences.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences: Environmental Biotechnology - Paper III - Environmental Toxicology, Environmental Microbiology and Industrial Applications.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Biotechnology : Paper VII - Manufacturing Process and Medical Diagnostics.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Environmental Science : Paper VII – Industrial Hygiene Occupational Health and Safety.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Biophysics : Paper VII – Radiation and Medical Biophysics.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Bioanalytical Sciences : Paper VII – Standardization of ASU Drugs & Statistics and GMP
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Information Technology : Paper III – Elective I – Parallel Processing and Distributed Computing.
Thursday, October 20, 2016		OR
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Information Technology : Paper III – Intelligent Systems and Neural Networks and Fuzzy Systems.
Thursday, October 20, 2016		OR
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Information Technology : Paper III – Digital Signal Processing and Enterprise Networking.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Herbal Sciences : Paper VII – Herbal Formulations.
Thursday, October 20, 2016	11:00 a.m. to 02:00 p.m.	Bioinformatics: Paper- VII- Application of Bioinformatics
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Optional Papers – II. Nuclear Physics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Solid State Physics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Solid State Electronics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Electronics – Microprocessors , Microcomputers & Embedded Applications.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Electronics – Electronic Communications.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Chemical Physics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Plasma Physics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Laser Theoretical Physics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Astronomy.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Physics : Paper VIII – Space Physics Materials Science.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Physical Chemistry : Paper IV – Polymer Chemistry, Physical Organic Chemistry Biophysical Chemistry, Green Chemistry and Applied Electrochemistry.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Inorganic Chemistry : Paper IV – Applied Chemistry.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Organic Chemistry –Paper IV – Biogenesis and Steroids, Carbohydrates/Lipids etc.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Chemistry : Analytical Chemistry – Paper IV – Pharmaceutical Biochemical and Organic Analysis.

Days and Dates	Time	Paper
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Biochemistry : Paper VIII Research Methodology and Biostatistics, Bioinformatics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VIII – Micology and Plant Pathology
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VIII – Angiosperms and Phytochemistry
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VIII – Plant Physiology and Biochemistry.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VIII – Environmental Botany.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Botany : Paper VIII – Molecular Biology, Cytogenetics and Biotechnology.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VIII – Oceanography, Fishery Science & Aquaculture – Planktology, Fish, Fishery Science and Aquaculture.
		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VIII – Animal Physiology – Environmental and Applied Physiology.
		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VIII – Endocrinology – Comparative and Molecular Endocrinology.
		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VIII – Entomology – Applied Entomology, Ecology and Genetics.
		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VIII – Environmental Sciences – Pollution, Conservation and Resource Management.
		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Zoology : Paper VIII – Toxicology – Toxicology in Special Situations.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Microbiology : Paper VIII – Fundamentals of Scientific Research.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper IV – Elective II – Pattern Recognition and Computer Vision.
		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper IV – Virtual Reality, Virtual Environment and Java Technology.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper IV – Bio-Informatics and Intelligent Systems.
		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Computer Science : Paper IV – Optimization Techniques and Customer Relations Management.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biological Macromolecules – Paper IV – Biomolecular Structure & Function.

Days and Dates	Time	Paper
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Biotechnology – Paper IV – Plant & Animal Biotechnology.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Applied Medical Science – Paper IV – Advances in Diagnostics & Therapeutics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences : Neurobiology – Paper IV – Molecular Neurobiology.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Life Sciences: Environmental Biotechnology - Paper IV - Biostatistics and Modelling, IPR and Bio-Safety
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Geology : Paper IV – Coal & Petroleum Geology.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Environmental Sciences : Paper VIII – Environmental Management.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Biotechnology : Paper VIII - Environmental Biotechnolog and Legislation.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Biophysics : Paper VIII – Computer Applications, Modeling and Bioinformatics.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Bioanalytical Sciences : Paper VIII –BA/BE Studies GCP and Method Validation
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Information Technology : Paper IV – Software Architecture Virtual Reality and Virtual Environment.
Monday, October 24, 2016		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Information Technology : Paper IV – Pattern Recognition & Computer Vision.
Monday, October 24, 2016		OR
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Information Technology : Paper IV – Multimedia Systems and Convergence of Technologies and Java Technology.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Herbal Sciences : Paper VIII – Plant Biotechnology and Environmental Sciences.
Monday, October 24, 2016	11:00 a.m. to 02:00 p.m.	Bioinformatics: Paper VIII- Concepts in Computing.

NOTE: The candidates appearing for the examination should report 15 minutes before the start of examination.
Mobile phones and other electronic 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
9th August, 2016.

(DEEPAK G. WASAVE)
Offg. Controller of Examinations