## University of Mumbai



## **S0113**

## **SECOND HALF 2016**

## EXAMINATION TIME TABLE PROGRAMME - THIRD YEAR B.Sc. [YEARLY]

Days and Dates	Time	Paper
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Applied Component Group : Electronics Instrumentation – Paper I – Analog Circuits and Instruments.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Agrochemicals – Paper I Introduction to Agrochemicals.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Polymers – Paper I.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Wild Life Management – Paper I.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Heavy & Fine Chemicals Paper – I .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Drugs & Dyes – Paper I – Drugs.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Tissue Culture – Paper I – Basic Aspects.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Medical Laboratory Technology – Paper I - Diagnostic Microbiology .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Petrochemicals Paper – I .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Analytical Instrumentation – Paper I – Electronics, Data Systems and Spectroscopy.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Aquaculture – Paper I – Basic Principles of Aquaculture.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Soil Science Including Soil Analysis and Soil Mechanics – Paper I.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Environmental Science & Pollution – Paper I – Introduction to Environment.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Marine Science – Paper I .

Days and Dates	Time	Paper
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Applied Component Group : Material Science – Paper I – Introductory Study of Various Materials.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Computer Science – Paper I – Computer Hardware, Assembly Language Programming and Operating System.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Investment Analysis – Paper I.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Food Production & Processing – Paper I – Food Production .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Waste Recycling & Non-Conventional Source of Energy – Paper I – Non- Conventional Sources of Energy.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Economics Entomology – Economic Entomology – Paper I .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Fishery Biology – Paper I .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Bio-Technology – Paper I Concepts and Methodolgy in Biotechnology.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Computer Programming & Systems Analysis. Paper – I .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Operations Research. Paper –I.  ** (Use of Electronic pocket calculator permitted in the subject of Operations Research).
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Paper I – Actuarial Science.  ** (Use of Electronic pocket calculator permitted in the subject of Actuarial Science.).
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Food & Nutrition & Food Adulteration – Paper I – Food Chemistry & Nutrition.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Gemmology – Paper I.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Horticulture & Gardening Paper – I .
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Radio & Telecommunication – Paper I – Principles of Radio Communication.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Accountancy and Financial Management – Paper I – Accountancy.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Business Management – Paper I – General and Financial Management.

Days and Dates	Time	Paper
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Applied Component Group : Aerobiology – Paper I.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Evironmental Biochemistry – Paper I.
Wednesday, October 05, 2016	03:00 p.m. to 06:00 p.m	Web Design – Paper I – Principles of Web Design and Web Technologies.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Applied Component Group: Electronics Instrumentation – Paper II – Digital Electronics Microprocessor and its applications, programming in c++.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Applied Component Group : Agrochemicals  – Paper II – Applied Aspects of Agrochemicals.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Polymers – Paper II .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Wild Life Management – Paper II .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Heavy & Fine Chemicals Paper II .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Drugs & Dyes – Paper II – Dyes.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Tissue Culture – Paper II – Applications.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Medical Laboratory Technology – Paper II – Haematology & Clinical Biochemistry.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Petrochemical Paper II .

	4	
Days and Dates	Time	Paper
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Applied Component Group : Analytical Instrumentation – Paper II – Chromatographic Electro-Analytical and Other.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Aquaculture – Paper II – Management of Aquaculture.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Soil Science Including Soil Analysis and Soil Mechanics – Paper II.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Environmental Science & Pollution – Paper II – Environmental Pollution.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Marine Science – Paper II .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Material Science – Paper II – Materials Characterisation and Testing.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Computer Science – Paper II – Programming in C++ .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Investment Analysis – Paper II.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Food Production & Processing – Paper II – Food Processing .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Waste Recycling & Non-Conventional Sources of Energy – Paper II – Waste Recycling.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Economic Entomology – Economic Entomology – Paper II.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Fishery Biology – Paper II .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Bio-Technology – Paper II – Applications and Advances .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Computer Programming & System Analysis  – Paper II .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Operations Research – Paper II.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Acturial Science – Paper II.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Food & Nutrition & Food Adulteration – Paper II – Food Adulteration.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Gemmology – Paper II .
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Horticulture & Gardening Paper II.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Radio & Telecommunication – Paper II – Telecommunication Systems.

Days and Dates	Time	Paper
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Applied Component Group : Accountancy and Financial Management – Paper II – Financial Management.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Business Management – Paper II – Business Operations.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Aerobiology – Paper II.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Web Design – Paper II – Net Technologies.
Thursday, October 06, 2016	03:00 p.m. to 06:00 p.m	Environmental Biochemistry – Paper II.
Friday, October 07, 2016	03:00 p.m. to 06:00 p.m	Biochemistry: Paper I – (6 Units).  Biochemistry: Paper I – Bio-Organic and Biophysical Chemistry (3 Units)
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Biochemisty:Paper III – Genetics, Biostatistics and Bioinformatics (6 Unit).
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Computer Science:Paper I- Data Communications, Networking and Securtiy.
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Geology:Paper I-Stratiography and Geology of India Maharashtra and Mumbai .
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Chemistry: Paper I- Physical Chemistry (6 Units).

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Days and Dates	Time	Paper
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Chemistry: Paper I- Physical & Inorganic Chemistry (3 Units).
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Mathematics: Paper I- Real Analysis and Multivariable Calculus.
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Biotechnology: Paper III- Molecular Biology.
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Microbiology : Paper III- Microbial Biochemistry.
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Zoology: Paper III – Molecular Biology, Biotechnology, Genetics, Evolution and Taxicology.
Monday, October 10, 2016	03:00 p.m. to 06:00 p.m	Botany: Paper I - Plant Diversity - III .
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Physics:Paper IV- Special Theory of Relativity & Cosmology, Electrodynamic.
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Chemistry: Paper II- Inorganic Chemistry (6 Units).
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Chemistry: Paper II- Organic & Analytical Chemistry (3 Units).
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Statistics:Paper III- Applied Statistics- I.
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Computer Science : Paper II – Advanced Java.
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Geology: Paper II –Igneous, Sedimentary and Metamorphic Petrology.
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Biochemistry: Paper IV – (6 Units).
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Mathematics: Paper II – Algebra II
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Biotechnology: Paper IV- Applications of Biotechnology.
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Microbiology : Paper IV- Bioprocess Technology.
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Botany: Paper IV - Current Trends in Plant Sciences II .
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Life Sciences: Paper III -Biotechnology.
Thursday, October 13, 2016	03:00 p.m. to 06:00 p.m	Zoology: Paper IV – Environmental Science- Environmental Biology, Epidemiology, Biostatistics.
Friday, October 14, 2016	03:00 p.m. to 06:00 p.m	Biotechnology : Paper I - Cell Biology and Medical Micorbiology.
Friday, October 14, 2016	03:00 p.m. to 06:00 p.m	Zoology: Paper I-Animal Types,
		Comparative Chordate Anatomy, Development Biology and Histology and
		Endocrinology.
Friday, October 14, 2016	03:00 p.m. to 06:00 p.m	Life Sciences: Paper IV- Environmental Biology.
Friday, October 14, 2016	03:00 p.m. to 06:00 p.m	Physics: Paper I - Mathematical and Statistical Physics, Classical Mechanics and
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Chaos.  Mathematics: Paper III - Topology of Matric Spaces.
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Physics: Paper II – Solid State Physics and Electronics.
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Chemistry: Paper III - Organic Chemistry (6 Units).
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Computer Science : Paper III – Operating Systems and Linux.
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Statistics : Paper IV – Applied Statistics – II.
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Geology: Paper III – Structural Geology and Engineering Geology.
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Biochemistry: Paper II – (6 Units).
Monday, October 17, 2016	03:00 p.m. to 06:00 p.m	Biochemistry: Paper II - Metabolism, Nutrition & Advanced Biochemical Concepts (3 Units)

7				
Days and Dates	Time	Paper		
Tuesday, October 18, 2016	03:00 p.m. to 06:00 p.m	Physics: Paper III- Automic and Molecular Physics, Nuclear Physics.		
Tuesday, October 18, 2016	03:00 p.m. to 06:00 p.m	Biotechnology : Paper II – Immunology, Biochemistry and Instrumentation.		
Tuesday, October 18, 2016	03:00 p.m. to 06:00 p.m	Zoology: Paper II- Physiology, Haematology and Immunology.		
Wednesday, October 19, 2016	03:00 p.m. to 06:00 p.m	Statistics : Paper II – Statistical Inference.		
Wednesday, October 19, 2016	03:00 p.m. to 06:00 p.m	Life Sciences : Paper I - Genetics & Immunology.		
Wednesday, October 19, 2016	03:00 p.m. to 06:00 p.m	Botany : Paper II – Plant Diversity- IV.		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Chemistry: Paper IV - Analytical Chemistry (6 Units).		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Geology: Paper IV – Remote Sensing and Image Interpretation, Photogrametry, Geographical Information Systems.		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Mathematics : Paper IV - Elective A- Numerical Methods.		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Elective B- Number Theory and Its Applications.		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Elective C- Graph Theory and Combinatorics.(OLD)		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Elective C- Graph Theory and Combinatorics.(REV.)		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Elective D - Probability and Application to Financial Mathematics.		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Computer Science : Paper IV – DBMS II and Software Engineering.		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Microbiology: Paper I - Genetics Bioinformatics, Molecular Biology and Virology.		
Thursday, October 20, 2016	03:00 p.m. to 06:00 p.m	Statistics: Paper I - Probability Theory and Stochastic Process **(Candidates will be permitted to use simple six function calculator).		
Friday, October 21, 2016	03:00 p.m. to 06:00 p.m	Microbiology: Paper II - Medical Microbiology and Immunology.		
Monday, October 24, 2016	03:00 p.m. to 06:00 p.m	Botany :Paper III-Form and Functions-III.		
Monday, October 24, 2016	03:00 p.m. to 06:00 p.m	Life Sciences : Paper II – Development Biology & Neurobiology.		

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 5<sup>th</sup> August, 2016. (DEEPAK G. WASAVE)
Offg. Controller of Examinations