

# University of Mumbai



# 1S00111

SECOND HALF of (Winter) 2018

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

Days and Dates	Time	Paper Code	Paper
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91001	Biochemisty:Paper III – Genetics, Biostatistics and Bioinformatics (6 Unit).
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91002	Computer Science:Paper I- Data Communications, Networking and Securitiy.
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91003	Geology:Paper I-Stratigraphy and Geology of India Maharashtra and Mumbai .
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91004	Chemistry: Paper I- Physical Chemistry (6 Units).
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91005	Chemistry: Paper I- Physical & Inorganic Chemistry (3 Units).
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91006	Mathematics: Paper I- Real Analysis and Multivariable Calculus.
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91007	Biotechnology: Paper III- Molecular Biology.
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91008	Microbiology : Paper III- Microbial Biochemistry.
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91009	Zoology : Paper III – Molecular Biology, Biotechnology,Genetics,Evolution and Taxicology.
Thursday, December 27, 2018	02:30 p.m. to 05:30 p.m	91010	Botany: Paper I - Plant Diversity - III .
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91011	Physics:Paper IV- Special Theory of Relativity & Cosmology, Electrodynamic.
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91012	Chemistry : Paper II- Inorganic Chemistry (6 Units ).
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91013	Chemistry : Paper II- Organic & Analytical Chemistry (3 Units).
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91014	Statistics:Paper III- Applied Statistics- I.
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91015	Computer Science : Paper II – Advanced Java.
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91016	Geology: Paper II –Igneous, Sedimentary and Metamorphic Petrology.
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91017	Biochemistry : Paper IV – (6 Units).
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91018	Mathematics: Paper II – Algebra II

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Days and Dates	Time	Paper Code	Paper
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91019	Biotechnology: Paper IV- Applications of Biotechnology.
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91020	Microbiology : Paper IV- Bioprocess Technology.
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91021	Botany: Paper IV - Current Trends in Plant Sciences II .
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91022	Life Sciences: Paper III -Biotechnology.
Friday, December 28, 2018	02:30 p.m. to 05:30 p.m	91023	Zoology : Paper IV – Environmental Science- Environmental Biology, Epidemiology, Biostatistics.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91024	Applied Component Group : Electronics Instrumentation – Paper I – Analog Circuits and Instruments.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91025	Agrochemicals – Paper I Introduction to Agrochemicals.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91026	Polymers – Paper I.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91027	Wild Life Management – Paper I.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91028	Heavy & Fine Chemicals Paper – I .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91029	Drugs & Dyes – Paper I – Drugs.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91030	Tissue Culture – Paper I – Basic Aspects.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91031	Medical Laboratory Technology – Paper I - Diagnostic Microbiology .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91032	Petrochemicals Paper – I .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91033	Analytical Instrumentation – Paper I – Electronics, Data Systems and Spectroscopy.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91034	Aquaculture – Paper I – Basic Principles of Aquaculture.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91035	Soil Science Including Soil Analysis and Soil Mechanics – Paper I.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91036	Environmental Science & Pollution – Paper I – Introduction to Environment.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91037	Marine Science – Paper I .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91038	Applied Component Group : Material Science – Paper I – Introductory Study of Various Materials.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91039	Computer Science – Paper I – Computer Hardware, Assembly Language Programming and Operating System.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91040	Investment Analysis – Paper I.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91041	Food Production & Processing – Paper I – Food Production .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91042	Waste Recycling & Non-Conventional Source of Energy – Paper I – Non-Conventional Sources of Energy.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91043	Economics Entomology – Economic Entomology – Paper I .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91044	Fishery Biology – Paper I .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91045	Bio-Technology – Paper I Concepts and Methodolgy in Biotechnology.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91046	Computer Programming & Systems Analysis. Paper – I .

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Days and Dates	Time	Paper Code	Paper
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91047	Operations Research. Paper –I.** (Use of Electronic pocket calculator permitted in the subject of Operations Research).
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91048	Paper I – Actuarial Science.** (Use of Electronic pocket calculator permitted in the subject of Actuarial Science.).
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91049	Food & Nutrition & Food Adulteration – Paper I – Food Chemistry & Nutrition.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91050	Gemmology – Paper I.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91051	Horticulture & Gardening Paper – I .
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91052	Radio & Telecommunication – Paper I – Principles of Radio Communication.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91053	Accountancy and Financial Management – Paper I – Accountancy.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91054	Business Management – Paper I – General and Financial Management.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91055	Applied Component Group : Aerobiology – Paper I.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91056	Environmental Biochemistry – Paper I.
Monday, December 31, 2018	02:30 p.m. to 05:30 p.m	91057	Web Design – Paper I – Principles of Web Design and Web Technologies.
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91058	Mathematics: Paper III - Topology of Matric Spaces.
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91059	Physics : Paper II – Solid State Physics and Electronics.
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91060	Chemistry : Paper III - Organic Chemistry ( 6 Units ).
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91061	Computer Science : Paper III – Operating Systems and Linux.
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91062	Statistics :Paper IV– Applied Statistics– II.
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91063	Geology : Paper III – Structural Geology and Engineering Geology.
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91064	Biochemistry : Paper II – ( 6 Units).
Wednesday, January 2, 2019	02:30 p.m. to 05:30 p.m	91065	Biochemistry: Paper II - Metabolism, Nutrition & Advanced Biochemical Concepts ( 3 Units )
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91066	Chemistry : Paper IV -Analytical Chemistry ( 6 Units ).
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91067	Geology : Paper IV – Remote Sensing and Image Interpretation, Photogrametry, Geographical Information Systems.
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91068	Mathematics : Paper IV - Elective A- Numerical Methods.
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91069	Elective B- Number Theory and Its Applications.
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91070	Elective C- Graph Theory and Combinatorics.(OLD)
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91071	Elective C- Graph Theory and Combinatorics.(REV.)
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91072	Elective D - Probability and Application to Financial Mathematics.
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91073	Computer Science : Paper IV – DBMS II and Software Engineering.
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91074	Microbiology: Paper I - Genetics Bioinformatics, Molecular Biology and Virology.
Thursday, January 3, 2019	02:30 p.m. to 05:30 p.m	91075	Statistics: Paper I - Probability Theory and Stochastic Process **(Candidates will be permitted to use simple six function calculator).

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Days and Dates	Time	Paper Code	Paper
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91076	Applied Component Group : Electronics Instrumentation – Paper II – Digital Electronics Microprocessor and its applications, programming in c++ .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91077	Applied Component Group : Agrochemicals – Paper II – Applied Aspects of Agrochemicals.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91078	Polymers – Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91079	Wild Life Management – Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91080	Heavy & Fine Chemicals Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91081	Drugs & Dyes – Paper II – Dyes.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91082	Tissue Culture – Paper II – Applications.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91083	Medical Laboratory Technology – Paper II – Haematology & Clinical Biochemistry.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91084	Petrochemical Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91085	Applied Component Group : Analytical Instrumentation – Paper II – Chromatographic Electro-Analytical and Other.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91086	Aquaculture – Paper II – Management of Aquaculture.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91087	Soil Science Including Soil Analysis and Soil Mechanics – Paper II.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91088	Environmental Science & Pollution – Paper II – Environmental Pollution.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91089	Marine Science – Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91090	Material Science – Paper II – Materials Characterisation and Testing.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91091	Computer Science – Paper II – Programming in C++ .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91092	Investment Analysis – Paper II.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91093	Food Production & Processing – Paper II – Food Processing .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91094	Waste Recycling & Non-Conventional Sources of Energy – Paper II – Waste Recycling.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91095	Economic Entomology – Economic Entomology – Paper II.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91096	Fishery Biology – Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91097	Bio-Technology – Paper II – Applications and Advances .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91098	Computer Programming & System Analysis – Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91099	Operations Research – Paper II.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91100	Acturial Science – Paper II.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91101	Food & Nutrition & Food Adulteration – Paper II – Food Adulteration.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91102	Gemmology – Paper II .
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91103	Horticulture & Gardening Paper II.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91104	Radio & Telecommunication – Paper II – Telecommunication Systems.

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Days and Dates	Time	Paper Code	Paper
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91105	Applied Component Group : Accountancy and Financial Management – Paper II – Financial Management.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91106	Business Management – Paper II – Business Operations.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91107	Aerobiology – Paper II.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91108	Web Design – Paper II – Net Technologies.
Friday, January 4, 2019	02:30 p.m. to 05:30 p.m	91109	Environmental Biochemistry – Paper II.
Monday, January 7, 2019	02:30 p.m. to 05:30 p.m	91110	Biochemistry : Paper I (6 Units)
Monday, January 7, 2019	02:30 p.m. to 05:30 p.m	91111	Biochemistry : Paper I – Bio-Organic and Biophysical Chemistry (3 Units)
Tuesday, January 8, 2019	02:30 p.m. to 05:30 p.m	91112	Biotechnology : Paper I - Cell Biology and Medical Microbiology.
Tuesday, January 8, 2019	02:30 p.m. to 05:30 p.m	91113	Zoology: Paper I-Animal Types, Comparative Chordate Anatomy, Development Biology and Histology and Endocrinology.
Tuesday, January 8, 2019	02:30 p.m. to 05:30 p.m	91114	Life Sciences: Paper IV- Environmental Biology.
Tuesday, January 8, 2019	02:30 p.m. to 05:30 p.m	91115	Physics: Paper I - Mathematical and Statistical Physics, Classical Mechanics and Chaos.
Wednesday, January 9, 2019	02:30 p.m. to 05:30 p.m	91116	Physics: Paper III- Atomic and Molecular Physics, Nuclear Physics.
Wednesday, January 9, 2019	02:30 p.m. to 05:30 p.m	91117	Biotechnology : Paper II – Immunology, Biochemistry and Instrumentation.
Wednesday, January 9, 2019	02:30 p.m. to 05:30 p.m	91118	Zoology: Paper II- Physiology, Haematology and Immunology.
Thursday, January 10, 2019	02:30 p.m. to 05:30 p.m	91119	Statistics : Paper II – Statistical Inference.
Thursday, January 10, 2019	02:30 p.m. to 05:30 p.m	91120	Life Sciences : Paper I - Genetics & Immunology.
Thursday, January 10, 2019	02:30 p.m. to 05:30 p.m	91121	Botany : Paper II – Plant Diversity- IV.
Friday, January 11, 2019	02:30 p.m. to 05:30 p.m	91122	Microbiology: Paper II - Medical Microbiology and Immunology.
Monday, January 14, 2019	02:30 p.m. to 05:30 p.m	91123	Botany :Paper III–Form and Functions-III.
Tuesday, January 15, 2019	02:30 p.m. to 05:30 p.m	91124	Life Sciences : Paper II – Development Biology & Neurobiology.

**Important Note:** •The candidates appearing for the examination should report 20 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  
16<sup>th</sup> November, 2018.

Sd/-  
(Prof. (Dr.) Arjun Ghatule)  
Director  
Board of Examinations & Evaluation

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