

MAHARISHI MARKANDESHWAR
(DEEMED TO BE UNIVERSITY) MULLANA, AMBALA-133207
(Established under section 3 of the UGC Act, 1956)
(Accredited by NAAC with Grade 'A')

Theory Date Sheet

**M. Sc. (Physics, Chemistry, Bio-Technology, Mathematics,
Microbiology and Botany) 1st Semester
(Regular & Supplementary)
December, 2019 Examination**

Time of Examination : 9:30 A.M. to 12:30 P.M.
Centre of Examination : M-2, Old Engg. Coll. Building (Block-1)

Date & Day	Paper Code	Title of Paper
December, 2019		
5 th , Thursday	MCHE-801	Inorganic Chemistry-I (11011) (from the session 2019-20)
	MCH-101	Inorganic Chemistry-I (11006) (for the session 2018-19)
	MCH-501	Inorganic Chemistry-I (1002) (up to session 2016-17)
	PH-501	Classical Mechanics (1209) (from the session 2017-18)
	MAT-101	Advanced Abstract Algebra (11086) (from the session 2018-19)
	BT-S-509	Biostatistics and Research Methodology (2312) (from the session 2018-19)
	BT-MI-501	Fundamentals of Microbiology (2405) (from the session 2018-19)
	MBOT-502	Phycology (2351) (from the session 2019-20)
7 th , Saturday	MCHE-802	Organic Chemistry-I (11012) (from the session 2019-20)
	MCH-102	Organic Chemistry-I (11007) (for the session 2018-19)
	PH-503	Mathematical Physics-I (1210) (from the session 2017-18)
	MAT-102	Real Analysis (11087) (from the session 2018-19)
	BT-S-503	Bio-Chemistry (2310) (from the session 2018-19)
	BT-MI-503	Bacteriology, Mycology, Phycology and Virology (2406) (from the session 2018-19)
	MBOT-503	Mycology (2352) (from the session 2019-20)
10 th , Tuesday	MCHE-803	Physical Chemistry-I (11013) (from the session 2019-20)
	MCH-103	Physical Chemistry-I (11008) (for the session 2018-19)
	MCH-505	Physical Chemistry-I (1007)
	PH-505	Quantum Mechanics-I (1211) (from the session 2017-18)
	MAT-103	Topology (11088) (from the session 2018-19)
	BT-S-507	Microbial Biotechnology (2311) (from the session 2018-19)
	BT-MI-505	Microbial, Physiology and Metabolism (2407) (from the session 2018-19)
	MBOT-504	Microbiology (2354) (from the session 2019-20)

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12 th , Thursday	MCHE-804	Bio Sciences (11014) (from the session 2019-20)
	MCH-104	Bio Sciences (11009) (for the session 2018-19)
	MMAT-001	Basic Mathematics for Chemists (11015) (from the session 2019-20)
	MCH-509	Basic Mathematics for Chemists (1006) (up to session 2017-18)
	PH-507	Nuclear Physics (1212) (from the session 2017-18)
	MAT-106	Complex Analysis (11089) (from the session 2018-19)
	BT-S-501	Concepts in Molecular Biology & Bio-Technology (2309) (from the session 2018-19)
	BT-MI-507	Cellular Microbiology (2408) (from the session 2018-19)
	MBOT-505	Plant Ecology and Environment (2354) (from the session 2019-20)

17 th , Tuesday	PH-509	Electronics-I (1213) (from the session 2017-18)
	MAT-108	Differential Equations (11090) (from the session 2018-19)
	BT-S-511	Tools and Techniques in Biotechnology (2313) (from the session 2018-19)
	MBOT-506	Cell and Molecular Biology (2355) (from the session 2019-20)

- NOTE:**
1. On getting the question paper and before answering it, the candidates should check up and ensure that they have been supplied with the correct question paper. If the question paper is not correct they may ask the Centre/Assistant Superintendent for the same. Complaints in this regard after the examination shall not be entertained.
 2. The Pager/Mobile Phone/Microphone or any other electronic devices are not allowed in the Examination Centre. In case any kind of such instrument is found in the possession of any candidate during the course of examination, the same will not be returned to him/her and action will be taken under the ordination governing use of unfair means cases.
 3. Number in brackets is for office use only.

**MULLANA
26.11.2019**

CONTROLLER OF EXAMINATIONS

Copy forwarded to all the concerned quarters as per letter No. MM(DU)/Conduct/2019/367 dated 26.11.2019 for information and necessary action.

Deputy Registrar (Conduct)

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Theory Date Sheet

**M. Sc. (Physics, Chemistry, Bio-Technology, Mathematics,
Microbiology and Botany) 3rd Semester
(Regular & Supplementary)**

December, 2019 Examination

Time of Examination : 9:30 A.M. to 12:30 P.M.
Centre of Examination : M-2, Old Engg. Coll. Building (Block-1)

Date & Day	Paper Code	Title of Paper
December, 2019		
6 th , Friday	MCH-301	Advanced Inorganic Chemistry (11041) (from the session 2018-19)
	PH-513	Atomic and Molecular Physics (1231) (from the session 2013-14 onwards)
	MAT-301	Functional Analysis (11141) (from the session 18-19)
	BT-S-601	Transgenic Animal and Plant Bio-Technology (2338) (from the session 2018-19)
	BT-MI-521	Biostatistics and Computers (2443) (from the session 2018-19)
9 th , Monday	MCH-302	Pericyclic Reactions and Photochemistry (11042) (from the session 2018-19)
	PH-515	Condensed Matter Physics-I (1238) (from the session 2013-14 onwards)
	MAT-302	Solid Mechanics (11142) (from the session 2018-19)
	BT-S-605	Concept in Pharmaceutical Science (2339) (from the session 2018-19)
	BO-S-205 BT-MI-515	Plant Pathology (2478) (from the session 2018-19) Agricultural and Environmental Microbiology (2440) (from the session 2018-19)
11 th , Wednesday	MCH-303	Advanced Physical Chemistry (11043) (from the session 2018-19)
	PH-517	Computational Techniques & Programming-I/ Computational Physics-I (1239) (from the session 2013-14 onwards)
	MAT-303	Optimization Techniques (11143) (from the session 2018-19)
	BT-S-607	Proteomics and Genomics (2340) (from the session 2018-19)
	BT-MI-517	Microbial Biotechnology and Industrial Microbiology (2441) (from the session 2018-19)
	BO-S-EL-602	Plant Cell and Tissue Culture (2479) (from the session 2018-19)

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13 th , Friday	MCH-304	Reagents and Heterocyclic Chemistry (11044) (from the session 2018-19)
	PH-519B	Advanced Quantum Mechanics (1241) (from the session 2018-19)
	MAT-304	Essentials of Information Technology-I (11144) (from the session 2018-19)
	BT-S-EL-648	Molecular Carcinogenesis & Therapy (2341) (from the session 2018-19)
	BO-SEL-604	Bio-Analytical Techniques (2480) (from the session 2018-19)
	BT-MI-519	Recombinant DNA Technology (2442) (from the session 2018-19)

18 th , Wednesday	PH-521A	Laser & Fiber Optics (1242)(from the session 2018-19)
	MAT-307	Mathematical Statistics (11145) (from the session 2018-19)
	BO-S-201	Angiosperms Taxonomy (2481) (From the session 2018-19)
	BT-MI-513	Food Microbiology (2439) (from the session 2018-19)

20 th , Friday	MAT-309	Integral Transforms (11146) (from the session 2018-19)
	BO-S-203	Plant Anatomy & Embryology (2482) (from the session 2018-19)
	BT-MI-642	Pharmaceutical Microbiology (2445) (from the session 2018-19)

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