



MAHARSHI DAYANAND UNIVERSITY, ROHTAK

(A State University established under Haryana Act No. XXV of 1975)

'A+' Grade University Accredited by NAAC

Theory date sheet of Master of Science (M.Sc.) 3rd Sem (Only Re-appear/Improvement)

Examinations October-2020

Mode of Examinations:- Offline (Descriptive/Subjective)

Time of Exam:- 02.15 pm to 04.00 pm

Note: Students are required to attempt any 3 (three) questions. All questions will carry equal marks.

Centre of Exam: - As per Building Notice and Roll No. Slip

| Date | Subject | Full Nomenclature | Paper | P.Code |
|------------|---|--|--------------|--------|
| 09.11.2020 | Open Elective/Discipline | Specific Open Elective papers- Separate Date Sheet available on University Website | | |
| 09.11.2020 | Mathematics | MATLAB (CBCS Scheme w.e.f. Dec- 2017-18) | 17MAT23SO2 | 76477 |
| | Chemistry | Environmental Chemistry-II (CBCS Scheme) | 17CHE23O1 | 76070 |
| 11.11.2020 | Bio-Chemistry | Principles of Genetics (CBCS Scheme w.e.f. Dec, 2017-18) | 17BCH23DA1 | 75933 |
| | Bio-Technology | Bioprocess Engineering (CBCS Scheme w.e.f. 2017-18) | 17CBT23C1 | 76841 |
| | Agricultural Bio-Tech | Plant Genetic Engg. (CBCS Scheme w.e.f. 2017-18) | 17ABT23C1 | 76831 |
| | Bio-Informatics | Database Management Systems (CBCS Scheme 2017-18) | 17BIN23C1 | 76821 |
| | Botany | Plant Physiology (CBCS Scheme 2017-18) | 17BOT23C1 | 76031 |
| | Chemistry (Old Scheme Non CBCS) | Inorganic Special-I | CH-501P-XI | 76051 |
| | | Physical Special -I | CH-501 P-XI | 76052 |
| | | Organic Special-I | CH-501P-XI | 76053 |
| | Chemistry (CBCS Scheme) | Inorganic Special-I | 17CHE23GA1 | 76061 |
| | | Physical Special -I | 17CHE23GB1 | 76062 |
| | | Organic Special-I | 17CHE23GC1 | 76063 |
| | Environmental Science & Environmental Bio - | Elementary Concept of Physical Environment (CBCS Scheme 2015-17Batch) | ENV-303 | 76173 |
| | Environment Sc. | Environmental Chemistry (CBCS Scheme w.e.f 2017-18) | 17ENV23C1 | 76181 |
| | Environmental Bio - Tech. | Environmental Chemistry (CBCS Scheme w.e.f 2017-18) (Common with 76181) | 17ENB23C1 | |
| | Microbiology | Biochemical and Biophysics Techniques (CBCS Scheme w.e.f. 2017-18) | 17MCB23DB1 | 76585 |
| | Microbial Biotechnology | Molecular Biology (CBCS Scheme w.e.f. 2017-18) | 17MBB23C1 | 76233 |
| | Forensic Science | Theoretical and Practical Aspects of Biological Evidences (CBCS Scheme w.e.f. 2017-18) | 17FSC23CB1 | 76338 |
| | Genetics | Recombinant DNA Technology (CBCS Scheme w.e.f. 2017-18) | 17GEN23C1 | 76381 |
| | Food Technology | Food Packing (CBCS Scheme) (w.e.f. Dec 2017-18) | 17FTE23C2 | 76282 |
| | Mathematics | Functional Analysis-I (Non CBCS Scheme) | MM-511 | 76451 |
| | Mathematics | Functional Analysis (CBCS Scheme w.e.f. 2017-18) | 17MAT23C1 | 76461 |
| | Mathematics With Computer Sc. | Functional Analysis (CBCS Scheme w.e.f. 2017-18) | 17MMC23C1 | 76511 |
| | Physics | Condensed Matter Physics (Non CBCS scheme w.e.f Dec, 2013) | XI | 76611 |
| | Physics | Condensed Matter Physics (CBCS Scheme w.e.f. 2017-18) | 17PHY23C1 | 76621 |
| | Physics | Atomic & Molecular Physics (CBCS Scheme w.e.f. 2019-20) | 19PHY23C1 | 76631 |
| | Statistics | Multivariate Analysis (CBCS Scheme w.e.f. 2017-18) | 17STA23C1 | 76661 |
| | Zoology | Immunology (CBCS Scheme w.e.f. 2017-18) | 17ZOO23C1 | 76741 |
| 16.11.2020 | Bio-Chemistry | Biostatistics (CBCS Scheme w.e.f. Dec, 2017-18) | 17BCH23DB1 | 75935 |
| | | Bioinformatics (CBCS Scheme w.e.f. Dec, 2017-18) | 17BCH23DB2 | 75936 |
| | Bio-Technology | Animal Biotechnology (CBCS Scheme w.e.f. 2017-18) | 17CBT23C2 | 76842 |
| | Medical Bio-Technology | Biology of Infectious Diseases (CBCS Scheme w.e.f. 2017-18) | 17MBT23C2 | 76812 |
| | Agricultural Bio- Tech. | Genomics and Proteomics (CBCS Scheme w.e.f. 2017-18) | 17ABT23C2 | 76832 |
| | Bio-Informatics | Molecular Modelling & Drug Designing (CBCS Scheme 2017-18) | 17BIN23C2 | 76822 |
| | Botany | Plant Ecology (CBCS Scheme 2017-18) | 17BOT23C2 | 76032 |
| | Chemistry (Old Scheme Non CBCS) | Inorganic Special-II (Old) | CH-502 P-XII | 76054 |
| | | Organic Special-II (Old) | CH-502 P-XII | 76056 |
| | Chemistry (CBCS Scheme) | Inorganic Special-II | 17CHE23GA2 | 76064 |
| | | Physical Special-II | 17CHE23GB2 | 76065 |
| | | Organic Special-II | 17CHE23GC3 | 76066 |
| | Environmental Science & Environmental Bio Tech. | Environmental Impact Assessment (CBCS Scheme 2015-17 Batch) | ENV-304 | 76174 |
| | Environment Sc. | Remote Sensing and Geographical Information System (CBCS Scheme w.e.f 2017-18) | 17ENV23C2 | 76182 |

| Date | Subject | Full Nomenclature | Paper | P.Code |
|--|--|---|--|------------|
| 16.11.2020 | Forensic Science | Forensic Genetics and Advanced DNA Forensics (CBCS Scheme w.e.f. 2017-18) | 17FSC23CB2 | 76339 |
| | Genetics | Plant Molecular Genetics (CBCS Scheme 2015-17 Batch) | GENET-302C | 76372 |
| | Genetics | Population and Evolutionary Genetics (CBCS Scheme w.e.f. 2017-18) | 17GEN23C2 | 76382 |
| | Food Technology | Enzymes and Fermentation Technology (CBCS Scheme) (w.e.f. Dec 2017-18) | 17FTE23DB3 | 76288 |
| | Mathematics | Partial Differential Equations and Mechanics (Non CBCS Scheme) | MM-512 | 76452 |
| | Mathematics | Elementary Topology (CBCS Scheme w.e.f. 2017-18) | 17MAT23C2 | 76462 |
| | Mathematics With Computer Sc. | Elementary Topology (CBCS Scheme w.e.f. 2017-18) | 17MMC23C2 | 76512 |
| | Physics | Electrodynamics and Wave Propagation (CBCS Scheme w.e.f. 2017-18) | 17PHY23C2 | 76622 |
| | Physics | Electrodynamics and Wave Propagation (CBCS Scheme w.e.f. 2019-20) | 19PHY23C2 | 76632 |
| | Statistics | Designs of Experiments (CBCS Scheme w.e.f. 2017-18) | 17STA23C2 | 76662 |
| | Zoology | Biology of Vertebrates (CBCS Scheme w.e.f. 2017-18) | 17ZOO23C2 | 76742 |
| | 18.11.2020 | Bio-Informatics | Programming in PERL & HTML (CBCS Scheme 2017-18) | 17BIN23DA1 |
| Agricultural Bio-Technology | | Plant Metabolic Engineering & Molecular Farming (CBCS Scheme w.e.f. 2017-18) | 17ABT23DA1 | 76833 |
| | | Biotic and Abiotic Stress Biology (CBCS Scheme w.e.f. 2017-18) | 17ABT23DA2 | 76834 |
| Botany | | Microbiology and Pathology (CBCS Scheme 2017-18) | 17BOT23DA1 | 76033 |
| | | Applications and Biostatistics (CBCS Scheme 2017-18) | 17BOT23DA2 | 76034 |
| Chemistry | | Inorganic Special-III (Old Scheme Non CBCS) | CH-503 P-XIII | 76057 |
| Chemistry (CBCS Scheme) | | Inorganic Special-III | 17CHE23GA3 | 76067 |
| | | Physical Special-III | 17CHE23GB3 | 76068 |
| | | Organic Special-III | 17CHE23GC3 | 76069 |
| Environmental Science & Environmental Bio-Technology | | Tissue Culture and Transgenics (CBCS Scheme 2015-17Batch) | ENB-301 | 76177 |
| Environment Sc. | | Environment Impact Assessment (CBCS Scheme w.e.f 2017-18) | 17ENV23DA1 | 76183 |
| Environmental Bio - Tech. | | Environment Impact Assessment (CBCS Scheme w.e.f 2017-18) (Common with 76183) | 17ENB23DB2 | |
| Forensic Science | | Instrumental Methods in Forensic Analysis (CBCS Scheme w.e.f. 2017-18) | 17FSC23DA1 | 76342 |
| Genetics | | Drosophila Genetics (CBCS Scheme w.e.f. 2017-18) | 17GEN23DA2 | 76384 |
| Mathematics | | Complex Analysis-I (Non CBCS Scheme) | MM-513 | 76453 |
| Mathematics | | Fluid Dynamics (CBCS Scheme w.e.f. 2017-18) | 17MAT23C3 | 76463 |
| Mathematics With Computer Sc. | | Fluid Dynamics (CBCS Scheme w.e.f. 2017-18) | 17MMC23C3 | 76513 |
| Physics | | Electronics - I (Special Paper -II) (Non CBCS scheme w.e.f Dec, 2013) | XIII (ii) | 76614 |
| Physics | | Solid State Physics-I (CBCS Scheme w.e.f. 2017-18) | 17PHY23DA1 | 76623 |
| | | Electronics-I (CBCS Scheme w.e.f. 2017-18) | 17PHY23DA2 | 76624 |
| Physics | | Condensed Matter Physics-I (CBCS Scheme w.e.f. 2019-20) | 19PHY23DA1 | 76633 |
| | | Electronics-I (CBCS Scheme w.e.f. 2019-20) | 19PHY23DA2 | 76634 |
| Statistics | | Optimizations Techniques-I (CBCS Scheme w.e.f. 2017-18) | 17STA23C3 | 76663 |
| Zoology (CBCS Scheme w.e.f. 2017-18) | | Animal Behaviour and Taxonomy | 17ZOO23DB1 | 76743 |
| | Molecular Endocrinology | 17ZOO23DA2 | 76744 | |
| 20.11.2020 | Bio-Informatics | Data Mining and Machine Learning (CBCS Scheme 2017-18) | 17BIN23DB2 | 76826 |
| | Botany (CBCS Scheme 2017-18) | Evolutionary and Economic Botany | 17BOT23DB1 | 76035 |
| | | Plant Breeding and Cytogenetic | 17BOT23DB2 | 76036 |
| | Environmental Sc. & Environmental Bio Technology | Fermentation & Downstream Processing (CBCS Scheme 2015-17Batch) | ENB-302 | 76178 |
| | Environmental Science | Elementary Concept of Physical Environment (CBCS Scheme w.e.f 2017-18) | 17ENV23DB1 | 76186 |
| | Forensic Science | Elements of Forensic Chemistry and Toxicology (CBCS Scheme w.e.f. 2017-18) | 17FSC23DA3 | 76344 |

| Date | Subject | Full Nomenclature | Paper | P.Code |
|------------|---|--|--------------|--------|
| 20.11.2020 | Mathematics | Advanced Discrete Mathematics-I (Non CBCS Scheme) | MM-514 (A1) | 76454 |
| | Mathematics (CBCS Scheme w.e.f. 2017-18) | Discrete Mathematics | 17MAT23DA1 | 76464 |
| | | Fuzzy Set Theory | 17MAT23DA2 | 76465 |
| | | Mechanics of Solids | 17MAT23DA3 | 76466 |
| | | Programming in C | 17MAT23DA6 | 76469 |
| | | Advanced Discrete Mathematics-I (Non CBCS Scheme) | MMCS-304(ii) | 76505 |
| | Mathematics With Computer Sc. | Mathematics Statistics (CBCS Scheme w.e.f. 2017-18) | 17MMC23C4 | 76514 |
| | Physics | Computational Methods and Programming - I (Spl Paper-II) (Non CBCS scheme w.e.f Dec, 2013) | XIV (ii) | 76616 |
| | Physics (CBCS Scheme w.e.f. 2017-18) | Computational Methods and Programming-I | 17PHY23DB1 | 76625 |
| | | Atomic and Molecular Physics-I | 17PHY23DB2 | 76626 |
| | Physics (CBCS Scheme w.e.f. 2019-20) | Computational Physics-I | 19PHY23DB1 | 76635 |
| | | Radiation Physics-I | 19PHY23DB2 | 76636 |
| | Statistics | Stochastic Processes and Queuing Theory (CBCS Scheme w.e.f. 2017-18) | 17STA23D1 | 76664 |
| | Statistics | Stochastic Processes (CBCS Scheme w.e.f. 2019-20) | 17STA23D1 | 76667 |
| Zoology | Biology of Population(CBCS Scheme w.e.f. 2017-18) | 17ZOO23DB1 | 76745 | |
| | Environmental Biology (CBCS Scheme w.e.f. 2017-18) | 17ZOO23DB2 | 76746 | |
| 23.11.2020 | Environmental Science & Environmental Bio-Technology | Environmental Microbiology (CBCS Scheme 2015-17Batch) | ENV-306 | 76175 |
| | Environmental Bio - Tech. | Tissue Culture and Transgenic (CBCS Scheme w.e.f 2017-18) | 17ENB23C2 | 76191 |
| | Mathematics | Analytical Number Theory-I (Non CBCS Scheme) | MM-515(C1) | 76456 |
| | Mathematics (CBCS Scheme w.e.f. 2017-18) | Analytical Number Theory | 17MAT23DB1 | 76470 |
| | | Advanced Complex Analysis | 17MAT23DB2 | 76471 |
| | | Mathematical Modeling | 17MAT23DB3 | 76472 |
| | | Computer Graphics | 17MAT23DB6 | 76475 |
| | Mathematics With Computer Sc. (CBCS Scheme w.e.f. 2017-18) | Computer Graphics | 17MMC23DA1 | 76515 |
| | | System Analysis & Design | 17MMC23DA3 | 76521 |
| Statistics | Official Statistics (CBCS Scheme w.e.f. 2017-18) | 17STA23D3 | 76666 | |
| 25.11.2020 | Environmental Science & Environmental Bio-Technology | Cell & Molecular Biology (CBCS Scheme 2015-17Batch) | ENV-307 | 76176 |
| | Mathematics With Computer Sc. | Analytical Number Theory(CBCS Scheme w.e.f. 2017-18) | 17MMC23DB6 | 76518 |
| | | Core Java (CBCS Scheme w.e.f. 2017-18) | 17MMC23DB4 | 76522 |

- Note:-
- All the students will be required to follow the national guidelines related to COVID-19 as issued from Ministry of Home affairs/State Govt. time to time.
 - Thermal scanning to be done at the entry point of the examination center.
 - No student will be allowed to enter the examination centre without wearing a face mask. All the students will be required to bring with them their own bottle of water & sanitizer and gloves.
 - The students will have to report at the examination centre at least one hour before the commencement of examination.
 - No student having mobile phone or any electronic gadget in his/her possession will be allowed to sit in the examination.
 - Before answering the question paper, the candidates should ensure that they have been supplied the correct question paper. Complaints in this regard, if any, shall not be entertained after the Examination.
 - The use of simple calculator is allowed. Exchanging of calculator, Eraser, Pen, Pencil etc are not allowed.

Date:-28.10.2020

CONTROLLER OF EXAMINATIONS