



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 (Full/Re-appear/Improvement) Examinations March - 2021

Mode of Examinations- Offline (Descriptive)

Time of Exam. :- 09:30 am to 12:30 pm

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

Note: Students are required to attempt any five questions carrying equal marks. In case of unequal distribution of marks, the students shall be required to attempt as many parts irrespective of questions of their choice that constitutes maximum marks.

Date	Subject	Full Nomenclature	Paper	P.Code	
10.03.2021	Bio-Chemistry	Microbial Biochemistry (CBCS Scheme w.e.f. Dec, 2017-18)	17BCH23C1	75931	
	Bio-Chemistry	Microbial Biochemistry (CBCS Scheme w.e.f. Dec, 2020-21)	19BC-23HC1	75937	
	Bio-Technology	Bioprocess Engineering (CBCS Scheme w.e.f. 2017-18)	17CBT23C1	76841	
	Medical Bio-Technology	Stem Cell Biology (CBCS Scheme w.e.f. 2017-18)	17MBT23C1	76811	
	Agricultural Bio-Technology	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 (CBCS Scheme)	Inorganic Special-I		17CHE23GA1	76061
		Physical Special -I		17CHE23GB1	76062
		Organic Special-I		17CHE23GC1	76063
	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		
	Microbial Biotechnology	Production of Microbial Metabolites (CBCS Scheme w.e.f. 2017-18)		17MBB23DA1	76231
		Downstream Processing (CBCS Scheme w.e.f. 2017-18)		17MBB23DA2	76232
	Microbiology	Immunology (CBCS Scheme w.e.f. 2017-18)		17MCB23C1	76583
	Food Technology	Technology of Milk and Milk Product (CBCS Scheme w.e.f. 2017-18)		17FTE23C1	76281
	Forensic Science (CBCS Scheme w.e.f. 2017-18)	Advanced Forensic Chemistry		17FSC23CA1	76336
		Theoretical and Practical Aspects of Biological Evidences		17FSC23CB1	76338
		Advanced Forensic Physics and Photography		17FSC23CP1	76340
	Genetics	Recombinant DNA Technology (CBCS Scheme w.e.f. 2017-18)		17GEN23C1	76381
	Traffic Management	Intelligent Transport System (ITS) (CBCS Scheme)		19IMT23C1	76411
	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(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
13.03.2021	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-Chemistry	Biostatistics (CBCS Scheme w.e.f. Dec, 2020-21)	19BC-23SC3A	75941	
		Bioinformatics (CBCS Scheme w.e.f. Dec, 2020-21)	19BC-23SC3B	75942	
	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-Technology	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 (CBCS Scheme)	Inorganic Special-II		17CHE23GA2	76064
		Physical Special-II		17CHE23GB2	76065
		Organic Special-II		17CHE23GC3	76066
	Environment Sc.	Remote Sensing and Geographical Information System (CBCS Scheme w.e.f 2017-18)	17ENV23C2	76182	
	Environmental Bio - Tech.	Remote Sensing and Geographical Information System (CBCS Scheme w.e.f 2017-18) (Common ID with 76182)	17ENB23DA2		

Date	Subject	Full Nomenclature	Paper	P.Code
13.03.2021	Microbial Biotechnology	Biomass, Bio energy & Biomaterials (CBCS Scheme w.e.f. 2017-18)	17MBB23DB1	76235
		Bacterial Diversity (CBCS Scheme w.e.f. 2017-18)	17MBB23DB2	76236
	Microbiology	Biochemical and Biophysics Techniques (CBCS Scheme w.e.f. 2017-18)	17MCB23DB1	76585
		Downstream Processing (CBCS Scheme w.e.f. 2017-18)	17MCB23DB2	76586
	Food Technology	Food Packaging (CBCS Scheme w.e.f. 2017-18)	17FTE23C2	76282
	Forensic Science	Advanced Forensic Toxicology and Pharmacology	17FSC23CA2	76337
		Forensic Genetics and Advanced DNA Forensics	17FSC23CB2	76339
		Advanced Forensic Ballistics	17FSC23CP2	76341
	Genetics	Population and Evolutionary Genetics (CBCS Scheme w.e.f. 2017-18)	17GEN23C2	76382
	Traffic Management	Traffic Control and Enforcement (CBCS Scheme)	19IMT23C2	76412
	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	
16.03.2021	Open Elective/Discipline Specific Open Elective papers- Separate Date Sheet available on University Website			
18.03.2021	Bio-Chemistry	Clinical Biochemistry (CBCS Scheme w.e.f. Dec, 2017-18)	17BCH23C2	75932
	Bio-Chemistry	Clinical Biochemistry (CBCS Scheme w.e.f. Dec, 2020-21)	19BC-23HC2	75938
	Bio-Technology	Molecular Human Physiology and Dev. Biology (CBCS Scheme w.e.f. 2017-18)	17CBT23DA1	76843
		Molecular Plant Physiology and Development Biology (CBCS Scheme w.e.f. 2017-18)	17CBT23DA2	76844
	Medical Bio-Technology	Diagnostics (CBCS Scheme w.e.f. 2017-18)	17MBT23DA1	76813
		Essentials of Drug Designing (CBCS Scheme w.e.f. 2017-18)	17MBT23DA2	76814
	Agricultural Bio- Technology	Biotic and Abiotic Stress Biology (CBCS Scheme w.e.f. 2017-18)	17ABT23DA2	76834
		Plant Metabolic Engineering & Molecular Farming (CBCS Scheme w.e.f. 2017-18)	17ABT23DA1	76833
	Bio-Informatics	Programming in PERL & HTML (CBCS Scheme 2017-18)	17BIN23DA1	76823
		Systems Biology (CBCS Scheme 2017-18)	17BIN23DA2	76824
	Botany	Microbiology and Pathology (CBCS Scheme 2017-18)	17BOT23DA1	76033
		Applications and Biostatistics (CBCS Scheme 2017-18)	17BOT23DA2	76034
	Chemistry (CBCS Scheme)	Inorganic Special-III	17CHE23GA3	76067
		Physical Special-III	17CHE23GB3	76068
		Organic Special-III	17CHE23GC3	76069
	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	
	Food Technology (CBCS Scheme w.e.f. 2017-18)	Nutraceuticals and Functional Food	17FTE23DA1	76283
		Food Additives	17FTE23DA2	76284
		Flavour Chemistry and Technology	17FTE23DA3	76285
	Forensic Science	Instrumental Methods in Forensic Analysis (CBCS Scheme w.e.f. 2017-18)	17FSC23DA1	76342
	Genetics (CBCS Scheme w.e.f. 2017-18)	Human Molecular Genetics	17GEN23DA1	76383
		Drosophila Genetics	17GEN23DA2	76384
		Somatic Cell Genetics	17GEN23DA3	76385
	Traffic Management	Highway Asset Management (CBCS Scheme)	19IMT23C3	76413
	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	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	17ZOO23DA1	76743
Molecular Endocrinology		17ZOO23DA2	76744	

Date	Subject	Full Nomenclature	Paper	P.Code	
20.03.2021	Bio-Chemistry	Principles of Genetics (CBCS Scheme w.e.f. Dec, 2017-18)	17BCH23DA1	75933	
		Biochemical Toxicology(CBCS Scheme w.e.f. Dec, 2017-18)	17BCH23DA2	75934	
	Bio-Chemistry	Essentials of Genetics (CBCS Scheme w.e.f. Dec, 2020-21)	19BC-23SC2A	75939	
		Biochemical Toxicology (CBCS Scheme w.e.f. Dec, 2020-21)	19BC-23SC2B	75940	
	Bio-Technology	Bio Statistics(CBCS Scheme w.e.f. 2017-18)	17CBT23DB1	76845	
		Virology (CBCS Scheme w.e.f. 2017-18)	17CBT23DB2	76846	
		Nano Biotechnology(CBCS Scheme w.e.f. 2017-18)	17CBT23DB3	76847	
	Medical Bio-Technology (CBCS Scheme w.e.f. 2017-18)	Human Genome and Genetics	17MBT23DB1	76815	
		Human Physiology and Developmental Biology	17MBT23DB2	76816	
	Agricultural Bio-Technology (CBCS Scheme w.e.f. 2017-18)	Industrial and Food Biotech	17ABT23DB1	76835	
		Corp Protection and Intigrated Pest Management	17ABT23DB2	76836	
	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	
	Chemistry	Environmental Chemistry-II (CBCS Scheme)	17CHE23O1	76070	
	Environmental Science	Elementary Concept of Physical Environment (CBCS Scheme w.e.f 2017-18)	17ENV23DB1	76186	
	Environmental Bio - Tech.	Elementry Concept of Physical Environment (Common with ID 76186)(CBCS Scheme w.e.f 2017-18)	17ENB23DB1		
	Food Technology (CBCS Scheme w.e.f. 2017-18)	Sensory Analysis of Foods	17FTE23DB1	76286	
		Food Biotechnology	17FTE23DB2	76287	
		Enzymes and Fermentation Tech.	17FTE23DB3	76288	
	Forensic Science	Elements of Forensic Biology and Serology (CBCS Scheme w.e.f. 2017-18)	17FSC23DA2	76343	
	Genetics (CBCS Scheme w.e.f. 2017-18)	Plant Molecular Genetics	17GEN23DB1	76386	
		Microbial Technology	17GEN23DB2	76387	
		RNAi Technology	17GEN23DB3	76388	
	Traffic Management	Transport Logistics and Fleet Management (CBCS Scheme)	19IMT23D1	76414	
	Mathematics (CBCS Scheme w.e.f. 2017-18)	Discrete Mathematics	17MAT23DA1	76464	
		Fuzzy Set Theory	17MAT23DA2	76465	
		Mechanics of Solids	17MAT23DA3	76466	
		Difference Equations	17MAT23DA4	76467	
		Statistical Inference	17MAT23DA5	76468	
		Programming in C	17MAT23DA6	76469	
	Mathematics With Computer Sc.	Mathematics Statistics (CBCS Scheme w.e.f. 2017-18)	17MMC23C4	76514	
	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	
	23.03.2021	Environmental Bio - Tech.	Tissue Culture and Transgenic (CBCS Scheme w.e.f 2017-18)	17ENB23C2	76191
		Environmental Science	Agriculture and Environment (CBCS Scheme w.e.f 2017-18)	17ENV23D3	76187
Forensic Science		Elements of Forensic Chemistry and Toxicology (CBCS Scheme w.e.f. 2017-18)	17FSC23DA3	76344	
Mathematics (CBCS Scheme w.e.f. 2017-18)	Analytical Number Theory	17MAT23DB1	76470		
	Advanced Complex Analysis	17MAT23DB2	76471		
	Mathematical Modeling	17MAT23DB3	76472		
	Computational Fluid Dynamics	17MAT23DB4	76473		
	Sampling Techniques and Design of Experiments	17MAT23DB5	76474		
	Computer Graphics	17MAT23DB6	76475		

Date	Subject	Full Nomenclature	Paper	P.Code
23.03.2021	Mathematics With Computer Sc. (CBCS Scheme w.e.f. 2017-18)	Computer Graphics	17MMC23DA1	76515
		System Analysis & Design	17MMC23DA3	76521
		Discrete Mathematics	17MMC23DA6	76516
	Microbial Biotechnology	Molecular Biology (CBCS Scheme w.e.f. 2017-18)	17MBB23C1	76233
	Microbiology	Molecular Microbiology (CBCS Scheme w.e.f. 2017-18)	17MCB23C2	76584
	Statistics	Methods of Operations Research (CBCS Scheme w.e.f. 2019-20)	17STA23D3	76669
25.03.2021	Environmental Bio - Tech.	Formentation and Downstream Processing (CBCS Scheme w.e.f 2017-18)	17ENB23DA1	76192
	Environmental Science	Environmental Microbiology (CBCS Scheme w.e.f 2017-18)	17ENV23D5	76188
	Microbial Biotechnology	Fermented Food (CBCS Scheme w.e.f. 2017-18)	17MBB23C2	76234
	Microbiology	Industrial Microbiology (CBCS Scheme w.e.f. 2017-18)	17MCB23DA1	76581
		Food Microbiology (CBCS Scheme w.e.f. 2017-18)	17MCB23DA2	76582
	Mathematics With Computer Sc. (CBCS Scheme w.e.f. 2017-18)	MATLAB	17MMC23DB1	76517
		Core Java	17MMC23DB4	76522
		Internet Fundamentals	17MMC23DB3	76523
Analytical Number Theory		17MMC23DB6	76518	
Note:-	1. 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.			
	2 Thermal scanning to be done at the entry point of the examination center.			
	3 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.			
	4 The students will have to report at the examination centre at least one hour before the commencement of examination.			
	5 No student having mobile phone or any electronic gadget in his/her possession will be allowed to sit in the examination.			
	6 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.			
	7 The use of simple calculator is allowed. Exchanging of calculator, Eraser, Pen, Pencil etc are not allowed.			
	Date:-25.02.2021		CONTROLLER OF EXAMINATIONS	