



**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 December - 2024**  
**Time of Exam. :- 02:00 pm to 05:00 pm**  
**Centre of Exam: - As per Admit Card & Building Notice .**

Date	Subject	Full Nomenclature	Paper	P.Code	
18.12.2024	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	
	Bio-Informatics	Database Management System and Datamining (CBCS Scheme w.e.f. 2023-24)	23BIN23C1	76827	
	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	Advanced Forensic Chemistry (CBCS Scheme w.e.f. 2017-18)	17FSC23CA1	76336	
		Advanced Forensic Physics and Photography (CBCS Scheme w.e.f. 2017-18)	17FSC23CP1	76340	
		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	
	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	Atomic & Molecular Physics(CBCS Scheme w.e.f. 2019-20)	19PHY23C1	76631	
	Physics	Buclear & Particle Physics(CBCS Scheme w.e.f. 2023-24)	23PHY23C1	76637	
	Statistics	Multivariate Analysis (CBCS Scheme w.e.f. 2017-18)	17STA23C1/ 21STA23C1	76661	
	Statistics	Multivariate Analysis (CBCS Scheme w.e.f. 2021-22) (Common with QPID 76661)	17STA23C1/ 21STA23C1		
	Zoology	Immunology (CBCS Scheme w.e.f. 2021-22)	20ZOO23C1	76747	
	Computer Science (Data Science & Machine Learning)	Deep Learning (CBCS Scheme w.e.f. 2023-24)	23MDM23C1	97583	
	Computer Science (CBCS Scheme)	Computer Security	17MCS23DA2	97552	
		Compiler Design	17MCS23DA1	97551	
Computer Graphics		17MCS23DA3	97553		
20.12.2024	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 w.e.f. 2017-18 )	17BIN23C2	76822	
	Bio-Informatics	Molecular Modelling & Drug Designing (CBCS Scheme w.e.f. 2023-24) (Common with QPID 76822)	17BIN23C2		
	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		

Date	Subject	Full Nomenclature	Paper	P.Code
20.12.2024	Environmental Bio - Tech.	Fermentation and Downstream Processing (CBCS Scheme w.e.f 2017-18)	17ENB23D1	76192
	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	
	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 (CBCS Scheme w.e.f. 2017-18)	17FSC23CA2	76337
		Advanced Forensic Ballistics (CBCS Scheme w.e.f. 2017-18)	17FSC23CP2	76341
		Forensic Genetics and Advanced DNA Forensics (CBCS Scheme w.e.f. 2017-18)	17FSC23CB2	76339
	Genetics	Population and Evolutionary Genetics (CBCS Scheme w.e.f. 2017-18)	17GEN23C2	76382
	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. 2019-20)	19PHY23C2/ 23PHY23C2	76632
	Physics	Electrodynamics and Wave Propagation (CBCS Scheme w.e.f. 2023-24) (Common with QPID 76632)	19PHY23C2/ 23PHY23C2	
	Statistics	Designs of Experiments (CBCS Scheme w.e.f. 2017-18)	17STA23C2/ 21STA23C2	76662
	Statistics	Designs of Experiments (CBCS Scheme w.e.f. 2021-22) (Common with QPID 76662)	17STA23C2/ 21STA23C2	
	Zoology	Advanced Physiology (CBCS Scheme w.e.f. 2021-22)	20ZOO23C1	76748
	Computer Science (Data Science & Machine Learning)	Data Visualization and Interpretation (CBCS Scheme w.e.f. 2023-24)	23MDM23C2	97584
Computer Science (CBCS Scheme)	Management Information System	17MCS23DB1	97554	
	Digital Image Processing	17MCS23DB2	97555	
	Artificial Intelligence (w.e.f. 2022-23)	17MCS23DB3	97556-A	
	Artificial Intelligence	17MCS23DB3	97556	
23.12.2024	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
	Bio-Informatics	Programming in PERL & HTML (CBCS Scheme w.e.f. 2023-24)	23BIN23DA1	76828
		Systems Biology (CBCS Scheme w.e.f. 2023-24) (Common with 76824)	17BIN23DA2	
	Botany	Microbiology and Pathology (CBCS Scheme 2017-18)	17BOT23DA1	76033
		Computer 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	

Date	Subject	Full Nomenclature	Paper	P.Code
23.12.2024	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
	Food Technology	Nutraceuticals and Functional Food (CBCS Scheme w.e.f. 2017-18)	17FTE23DA1	76283
		Food Additives (CBCS Scheme w.e.f. 2017-18)	17FTE23DA2	76284
		Flavour Chemistry and Technology (CBCS Scheme w.e.f. 2017-18)	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
		Somatic Cell Genetics	17GEN23DA3	76385
		Drosophila Genetics	17GEN23DA2	76384
	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 (CBCS Scheme w.e.f. 2019-20 )	19PHY23DA2	76634
		Condensed Matter Physics-I(CBCS Scheme w.e.f.2019-20 )	19PHY23DA1	76633
	Physics	Condensed Matter Physics-I (CBCS Scheme w.e.f. 2023-24)	23PHY23DA1	76638
		Advanced Spectroscopy-I (CBCS Scheme w.e.f. 2023-24)	23PHY23DA3	76640
		Electronics-I (CBCS Scheme w.e.f. 2023-24)	23PHY23DA2	76639
	Zoology	Molecular Cytogenetic (CBCS Scheme w.e.f. 2021-22)	20ZOO23DA1	76749
		Molecular Endocrinology (CBCS Scheme w.e.f. 2021-22)	20ZOO23DA2	76750
	Computer Science (Data Science & Machine Learning)	Natural Language Processing (CBCS Scheme w.e.f. 2023-24)	23MDM23DA1	97585
		Stream Processing and Analytics (CBCS Scheme w.e.f. 2023-24)	23MDM23DA2	97586
Time Series Analysis (CBCS Scheme w.e.f. 2023-24)		23MDM23DA3	97587	
Computer Science (CBCS Scheme)	Operating System and Unix	17MCS23C1	97557	
26.12.2024	<b>Open Elective/Discipline Specific Open Elective papers- Separate Date Sheet available on University Website</b>			
26.12.2024	Mathematics With Computer Sc.	Multivariate Analysis (CBCS Scheme w.e.f. 2017-18)	17MMC23SO1	76519
		Graphy Theory (CBCS Scheme w.e.f. 2017-18)	17MMC23SO2	76520
28.12.2024	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	Human Genome and Genetics (CBCS Scheme w.e.f. 2017-18)	17MBT23DB1	76815
		Human Physiology and Developmental Biology (CBCS Scheme w.e.f. 2017-18)	17MBT23DB2	76816
	Agricultural Bio-Technology	Industrial and Food Biotech (CBCS Scheme w.e.f. 2017-18)	17ABT23DB1	76835
		Corp Protection and Intigrated Pest Management (CBCS Scheme w.e.f. 2017-18)	17ABT23DB2	76836
	Bio-Informatics	Data Mining and Machine Learning (CBCS Scheme 2017-18 )	17BIN23DB2	76826
	Bio-Informatics	Programming in Python and Machine Learning (CBCS Scheme w.e.f. 2023-24)	23BIN23DB2	76829
	Botany	Evolutionary and Economic Botany(CBCS Scheme 2017-18)	17BOT23DB1	76035
		Plant Breeding and Cytogenetic(CBCS Scheme 2017-18)	17BOT23DB2	76036
	Chemistry	Environmental Chemistry-II (CBCS Scheme )	17CHE23O1	76070
	Environmental Science	Elementary Concept of Physical Environment (CBCS Scheme w.e.f 2017-18)	17ENV23D4	76186
	Environmental Bio - Tech.	Elementry Concept of Physical Environment (Common with ID 76186)(CBCS Scheme w.e.f 2017-18)	17ENB23DB1	
	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
	Food Technology	Sensory Analysis of Foods (CBCS Scheme w.e.f. 2017-18)	17FTE23DB1	76286
Food Biotechnology (CBCS Scheme w.e.f. 2017-18)		17FTE23DB2	76287	
Enzymes and Fermentation Technology (CBCS Scheme w.e.f. 2017-18)		17FTE23DB3	76288	

Date	Subject	Full Nomenclature	Paper	P.Code
28.12.2024	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
		RNAI Technology	17GEN23DB3	76388
		Microbial Technology	17GEN23DB2	76387
	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	Computational Physics-I (CBCS Scheme w.e.f. 2019-20)	19PHY23DB1/ 23PHY23DB1	76635
		Radiation Physics-I (CBCS Scheme w.e.f. 2019-20)	19PHY23DB2/ 23PHY23DB2	76636
	Physics	Computational Physics-I (CBCS Scheme w.e.f. 2023-24) (Common with QPID 76635)	19PHY23DB1/ 23PHY23DB1	
		Experimental Techniques-I (CBCS Scheme w.e.f. 2023-24)	23PHY23DB3	76641
		Radiation Physics-I (CBCS Scheme w.e.f. 2023-24) (Common with QPID 76636)	19PHY23DB2/ 23PHY23DB2	
Statistics	Stochastic Processes (CBCS Scheme w.e.f. 2021-22)	21STA23D1	76671	
Zoology	Population Biology (CBCS Scheme w.e.f. 2021-22)	20ZOO23DB1	76749-X	
	Environmental Biology (CBCS Scheme w.e.f. 2021-22)	20ZOO23DB2	76750-X	
Computer Science (Data Science & Machine Learning)	Information Security and Privacy (CBCS Scheme w.e.f. 2023-24)	23MDM23DB2	97589	
	Reinforcement Learning (CBCS Scheme w.e.f. 2023-24)	23MDM23DB1	97588	
	Predictive Analytics for IoT (CBCS Scheme w.e.f. 2023-24)	23MDM23DB3	97590	
Computer Science (CBCS Scheme)	Visual Programming	17MCS23C2	97558	
31.12.2024	Environmental Bio -	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
	Bio-Chemistry	Human Health and Nutritional Disorders (CBCS Scheme w.e.f. Dec, 2020-21)	16BC-23-OE2	75943
	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
	Mathematics With Computer Sc.	Computer Graphics (CBCS Scheme w.e.f. 2017-18)	17MMC23DA1	76515
		System Analysis and Design (CBCS Scheme w.e.f. 2017-18)	17MMC23DA3	76521
		Discrete Mathematics	17MMC23DA6	76516
	Statistics (CBCS Scheme w.e.f. 2017-18)	Stochastic Processes and Queuing Theory	17STA23D1	76664
		Official Statistics (Old)	17STA23D3	76666
	Statistics	Stochastic Processes (CBCS Scheme w.e.f. 2019-20)	19STA23D1	76667
Methods of Operations Research (CBCS Scheme w.e.f. 2019-20)		19STA23D3/ 21STA23D3	76669	
Statistics	Methods of Operations Research (CBCS Scheme w.e.f. 2021-22) (Common with QPID 76669)	19STA23D3/ 21STA23D3		
02.01.2025	Mathematics With Computer Sc.	MATLAB (CBCS Scheme w.e.f. 2017-18)	17MMC23DB1	76517
		Core Java (CBCS Scheme w.e.f. 2017-18)	17MMC23DB4	76522
		Internet Fundamentals (CBCS Scheme w.e.f. 2017-18)	17MMC23DB3	76523
		Analytical Number Theory (CBCS Scheme w.e.f. 2017-18)	17MMC23DB6	76518
	Statistics	Optimizations Techniques-I (CBCS Scheme w.e.f. 2017-18)	17STA23C3/ 21STA23C3	76663
	Statistics	Optimizations Techniques-I (CBCS Scheme w.e.f. 2021-22) (Common with QPID 76663)	17STA23C3/ 21STA23C3	
Environmental Science	Environmental Microbiology (CBCS Scheme w.e.f 2017-18)	17ENV23D5	76188	

Date	Subject	Full Nomenclature	Paper	P.Code
Note:-	1.	The students will have to report at the examination centre at least one hour before the commencement of examination.		
	2.	The use of simple calculator is allowed. Exchanging of Calculator, Eraser, Pen, Pencil etc are not allowed.		
	3.	No student having mobile phone or any electronic gadget in his/her possession will be allowed to sit in the examination.		
	4.	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.		
	<b>Date:-11.12.2024</b>		<b>CONTROLLER OF EXAMINATIONS</b>	