



# 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.) 4th Sem (Full/Re-appear/Improvement)  
Examinations September - 2020

Mode of Examinations:- Online & Offline (Descriptive/Subjective)

Time of Exam:- 10.00 am to 11.45 am (Offline Mode)

Time of Exam:- 10.00 am to 12.00 noon. (Online Mode)

(including uploading the visible image in JPG/PDF format of written pages).

**Note:- Students are required to attempt any three questions in the given question paper.**

**Centre of Exam: - As per Roll No. Slip**

Date	Subject	Full Nomenclature	Paper	P.Code
15.09.2020	Statistics	Econometrics (Non CBCS)	MS-401	78651
	Statistics (CBCS)	Econometrics (CBCS Scheme)	17STA24C1	78661
	Bio-Chemistry (CBCS)	Bioinformatics and Biostatistics (CBCS scheme) (2015-17 Batch)	BCH-401	77925
	Bio-Chemistry (CBCS)	Genetic Engineering (CBCS scheme) (Current)	17BCH24C1	77931
	Physics	Electro Dynamics and Wave Propagation (Non CBCS)	XV	78611
	Physics (CBCS)	Nuclear & Particle Physics (CBCS scheme)	17PHY24C1	78621
	Physics (CBCS)	Physics of Laser and Laser Applications (CBCS Scheme w.e.f. 2019-20)	19PHY24C1	78631
	Bio Technology (CBCS)	IPR Bio Safety, Ethical, Legal, Social Issues in Biotechnology (CBCS scheme) (Current)	17CBT24C1	78831
	Agriculture Bio Technology (CBCS)	IPR Bio Safety, Ethical, Legal, Social Issues in Agricultural Biotechnology (CBCS scheme) (Current)	17ABT24C2	78846
	Medical Bio-Technology (CBCS)	Ethical Safety and Management Issues in medical Biotechnology (CBCS scheme) (Current)	17MBT24C1	78836
	Botany	Bio Diversity Conservation (Non CBCS Scheme)	BOT - 401	78011
	Botany (CBCS)	Plant Genetics (CBCS scheme)(2015-17 Batch)	BOT-401-C	78021
	Botany (CBCS)	Plant Genetics (CBCS scheme)(Current)	17BOT24C1	78025
	Mathematics	Functional Analysis-II (Non CBCS Scheme)	MM-521	78451
	Mathematics (CBCS)	Inner Product Spaces and Measure Theory (CBCS Scheme)	17MAT24C1	78461
	Math with Computer Sc.	Functional Analysis-II (Non CBCS Scheme)	MMCS-401	78501
	Math with Computer Sc. (CBCS)	Inner Product Spaces and Measure Theory (CBCS Scheme)	17MMC24C1	78511
	Bio Informatics (CBCS)	Principles of Phylogenomics (CBCS scheme) (Current)	17BIN24C1	78841
	Zoology (CBCS)	Biosafety & Ethics in Science (CBCS scheme) (Current)	17ZOO24C1	78738
	Chemistry (Non CBCS Scheme)	Inorganic Spl. IV	CH-504 XIV	78051
		Physical Spl. IV	CH-504 XIV	78052
		Organic Spl. IV	CH-504 XIV	78053
	Chemistry (CBCS Scheme)	Inorganic Spl. IV	17CHE24GA1	78061
		Physical Spl. IV	17CHE24GB1	78062
		Organic Spl. IV	17CHE24GC1	78063
	Genetics (CBCS)	Social Ethical Issues in Genetics (CBCS scheme) (Current)	17GEN24C1	78373
	Traffic Mgt. (CBCS Scheme)	Transport Demand Management	19IMT24C1	78411
	Microbiology (CBCS)	Virology (CBCS scheme) (Current)	17MCB24C1	78575
	Microbial Bio-Technology (CBCS)	Genetics Engineering of Microorganisms (CBCS scheme) (Current)	17MBB24C1	78225
	Food Technology (CBCS)	Advances in Food Processing and Preservation (CBCS scheme) (Current)	17FTE24C1	78281

Date	Subject	Full Nomenclature	Paper	P.Code	
17.09.2020	Statistics	Statistical Inference-II (Non CBCS)	MS-402	78652	
	Statistics (CBCS)	Inference-II ( CBCS Scheme)	17STA24C2	78662	
	Bio-Chemistry (CBCS)	Methods in Molecular Biology (CBCS scheme) (2015-17 Batch)	BCH-402	77926	
	Bio-Chemistry (CBCS)	Plant Bio-Chemistry (CBCS scheme) (Current)	17BCH24C2	77932	
	Physics	Physics of Nano Materials (Non CBCS)	XVI	78612	
	Physics (CBCS)	Physics of Nano Materials ( CBCS Scheme)	17PHY24C2	78622	
	Physics (CBCS)	Physics of Nano Materials (CBCS Scheme w.e.f. 2019-20)	19PHY24C2	78632	
	Bio Techology (CBCS)	Microbial Technology (CBCS scheme) (Current)	17CBT24C3	78832	
	Agriculture Bio Technology (CBCS)	Animal Biotechnology & Immunology (CBCS scheme) (Current)	17ABT24C2	78847	
	Medical Bio-Technology (CBCS)	Public Health and Vaccinology (CBCS scheme) (Current)	17MBT24C2	78837	
	Botany	Plant Genetics (Non CBCS Scheme)	Bot - 402	78012	
	Botany (CBCS)	Biodiversity Conservation (CBCS scheme)(2015-17 Batch)	BOT-402-C	78022	
	Botany (CBCS)	Biodiversity Conservation (CBCS scheme) (Current)	17BOT24C2	78026	
	Traffic Mgt. (CBCS Scheme)	Safe Systems Approach	19IMT24C2	78412	
	Mathematics	Classical Mechanics (Non CBCS Scheme)	MM-522	78452	
	Mathematics (CBCS)	Classical Mechanics (CBCS Scheme)	17MAT24C2	78462	
	Math with Comp. Sc.	Classical Mechanics (Non CBCS Scheme)	MMCS-402	78502	
	Math with Comp. Sc.	Classical Mechanics(CBCS Scheme)	17MMC24C2	78512	
	Bio Informatics (CBCS)	Communication Skills for Science & Technology (CBCS scheme) (Current)	17BIN24C2	78842	
	Zoology (CBCS)	Advances in Vermiculture (CBCS scheme) (Current)	17ZOO24C2	78739	
	Genetics (CBCS)	Lab Design and Biosafety (CBCS scheme) (Current)	17GEN24C2	78374	
	Microbiology (CBCS)	Agricultural and Soil Microbiology (CBCS scheme) (Current)	17MCB24C2	78576	
	Microbial Bio-Technology (CBCS)	Bioprocess Plant Design (CBCS scheme) (Current)	17MBB24C2	78226	
	Food Technology (CBCS)	Food Safety and Quality Assurance (CBCS scheme) (Current)	17FTE24C2	78282	
	Chemistry (Non CBCS Scheme)	Inorganic Spl. V	CH-505 XV	78054	
		Physical Spl. V	CH-505 XV	78055	
		Organic Spl. V	CH-505 XV	78056	
	Chemistry (CBCS Scheme)	Inorganic Spl. V	17CHE24GA2	78064	
		Physical Spl. V	17CHE24GB2	78065	
		Organic Spl. V	17CHE24GC2	78066	
	19.09.2020	Statistics	Game Theory & Non Linear Programming (Non CBCS)	MS-403	78653
		Statistics (CBCS)	Optimization Techniques-II ( CBCS Scheme)	17STA24C3	78663
		Physics	Solid State Physics II (Non CBCS)	XVII (spl-I) opt-i	78613
Electronics-II (Non CBCS)			XVII (spl-I) opt-ii	78614	
Physics (CBCS)		Solid State Physics II ( CBCS Scheme)	17PHY24DA1	78623	
		Electronics-II ( CBCS Scheme)	17PHY24DA2	78624	
Physics (CBCS)		Condensed Matter Physics-II (CBCS Scheme w.e.f. 2019-20)	19PHY24DA1	78633	
		Electronics-II (CBCS Scheme w.e.f. 2019-20)	19PHY24DA2	78634	
Traffic Mgt. (CBCS Scheme)		Planning and Design for Vulnerable Road Users	19IMT24D2	78413	
Mathematics		Complex Analysis-II (Non CBCS Scheme)	MM523	78453	
Mathematics (CBCS)		Viscous Fluid Dynamics (CBCS Scheme)	17MAT24C3	78463	
Math with Comp. Sc.		Complex Analysis-II (Non CBCS Scheme)	MMCS-403	78503	
Math with Computer Sc. (CBCS)		Mechanics of Solids (CBCS Scheme)	17MMC24C3	78513	
Chemistry (Non CBCS Scheme)		Inorganic Spl. VI	CH-506 XVI	78057 N	
		Physical Spl. VI	CH-506 XVI	78058	
		Organic Spl. VI	CH-506 XVI	78059	
Chemistry (CBCS Scheme)		Inorganic Spl. VI	17CHE24GA3	78067	
		Physical Spl. VI	17CHE24GB3	78068	
		Organic Spl. VI	17CHE24GC3	78069	

Date	Subject	Full Nomenclature	Paper	P.Code
22.09.2020	Statistics	Queuing Theory (Non CBCS Scheme)	MSE-404	78654
	Statistics (CBCS)	Methods of Operations Research ( CBCS Scheme)	17STA24D1	78664
		Queuing Theory ( CBCS Scheme) (w.e.f. 2019-20)	17STA24D1(a)	78666
	Physics (Non CBCS)	Atomic & Molecular Physics-II	XVIII (Spl II)Opt-i	78615
		Computational Methods & Programming II	XVII (Spl II) Opt-ii	78616
	Physics (CBCS Scheme)	Computational Methods & Programming II	17PHY24DB1	78625
		Atomic and Molecular Physics-II	17PHY24DB2	78626
	Physics (CBCS)	Computational Physics-II (CBCS Scheme w.e.f. 2019-20)	19PHY24DB1	78635
		Radiation Physics-II (CBCS Scheme w.e.f. 2019-20)	19PHY24DB2	78636
	Mathematics (Non CBCS Scheme)	Advanced Discrete Mathematics	MM-524(A2)	78454
		Fluid Dynamics-II	MM-525 (D2)	78457
		Integral Equations and Boundary Values Problems-II	12MM-525 (D23)	78458
		Difference Equations-II	12MM-524 (B24)	78459
	Mathematics (CBCS Scheme)	General Topology	17MAT24DA1	78464
		Graph Theory	17MAT24DA2	78465
		Applied Solid Mechanics	17MAT24DA3	78466
		Bio Mechanics	17MAT24DA4	78467
		Information Theory	17MAT24DA5	78468
		Object Oriented Programming with C++	17MAT24DA6	78469
	Math with Computer Sc. (CBCS)	Operations Research Techniques (CBCS Scheme)	17MMC24C4	78514
Math with Computer Sc.(Non CBCS)	Operations Research	MMCS-404(i)	78508	
	Advanced Discrete Mathematics-II	MMCS-404(ii)	78505	
24.09.2020	Statistics	Advanced Design of Experiments (Non CBCS)	MSE-405	78655
	Statistics (CBCS)	Actuarial Statistics ( CBCS Scheme)	17STA24D2	78665
	Mathematics (Non CBCS Scheme)	Mechanics of Solids-II	MM-525 (B2)	78455
		Analytical Number Theory-II	MM-525(C2)	78456
	Mathematics (CBCS Scheme)	Algebraic Number Theory	17MAT24DB1	78470
		Harmonic Analysis (Old)	17MAT24DB2	78471
		Harmonic Analysis (w.e.f. 2018-19)	17MAT24DB-2	78471-N
		Bio Fluid Dynamics	17MAT24DB3	78472
		Stochastic Processes	17MAT24DB5	78474
		Information and Communication Technology	17MAT24DB6	78475
	Math with Computer Sc. (CBCS)	Data Base Management System (CBCS Scheme)	17MMC24DA1	78515
		Data and File Structure (CBCS Scheme)	17MMC24DA4	78518
Math with Computer Sc. (Non CBCS)	Programming in Visual Basic	MMCS-405	78506	
26.09.2020	Math with Computer Sc. (CBCS)	Artificial Intelligence and Expert System(CBCS Scheme)	17MMC24DB2	78522
		Data Warehousing and Mining (CBCS Scheme)	17MMC24DB4	78524
		Coding Theory (CBCS Scheme)	17MMC24DB6	78526
	Math with Computer Sc. (Non CBCS)	Software Engineering	MMCS-406	78507

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.

Dated : 07.09.2020

Controller of Examinations