

AHMEDNAGAR JILHA MARATHA VIDYA PRASARAK SAMAJ'S  
**New Arts, Commerce & Science College, Ahmednagar (Autonomous)**  
**M.Sc. (All Courses) CBCS 2021 Pattern**

**Examination of MAR/APR 2022**

INSTRUCTIONS FOR CANDIDATES

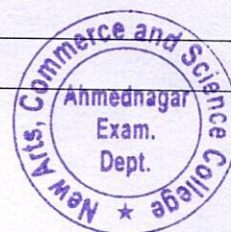
- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.



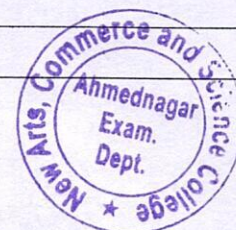
## Sem I

**Time: 02.00 – 05.00**

Day & Date	Paper Code	Subject
Wednesday 10/08/2022	MSC-BT 111T	Advanced Biological Chemistry
	MSC-BO 111 T	Plant Systematics I
	MSC-CH111T	Inorganic Chemistry-I (Molecular Symmetry and Chemistry of Main Group Elements)
	MSC-CS 111T	Paradigm of Programming Language
	MSC-ES 111T	Advanced Communication Tech
	MSC-EN 111 T	Environmental Biology & Biodiversity
	MSC-MT 111 T	Linear Algebra
	MSC-MS111T	Introduction to Communication Studies
	MSC-MR 111 T	Cell Organization and Biochemistry
	MSC-PH 111 T	Mathematical Methods in Physics
	MSCST-111 T	Linear Algebra Using SciLab
	MSC-ZO 111 T	Anatomy and Physiology of Non chordates and Cell Biology
	MSC BC 111 T	Biomolecules
	MSC-CA 111T	Internet and Java Programming
Saturday 13/08/2022	MSC-BT 112T	Cell and Molecular Biology
	MSC-BO112 T	Cell Biology and Evolution
	MSC-CH112T	Organic Chemistry-I (Basic Organic Chemistry)
	MSC-CS 112T	Database Technologies
	MSC-ES 112T	Advanced Analog Circuit Design
	MSC-EN 112 T	Environmental Physics & Chemistry
	MSC-MT 112 T	Real Analysis
	MSC-MS112TP	Media Technologies
	MSC-MR 112 T	Quantitative Biology
	MSC-PH 112 T	Classical Mechanics
	MSCST-112 T	Mathematical Analysis
	MSC-ZO 112 T	Biochemical Techniques and Skills in Scientific Communication
	MSC BC 112 T	Cell Biochemistry
	MSC-CA 112T	Design and Analysis of Algorithms
Friday 19/08/2022	MSC-BT 113T	Immunology
	MSC-BO113 T	Cytogenetics and Plant Breeding
	MSC-CH113T	Fundamentals of Physical Chemistry
	MSC-CS 113T	Design and Analysis of Algorithms



	MSC-ES 113T	Advanced Digital System
	MSC-EN 113 T	Environmental Geosciences
	MSC-MT 113 T	Group Theory
	MSC-MS113T	Media Law and Ethics
	MSC-MR 113 T	Microbial Systematics
	MSC-PH 113 T	Electronics
	MSCST-113 T	Bivariate Probability Distributions
	MSC-ZO 113 T	Molecular Biology
	MSC BC 113 T	Enzymology
	MSC-CA 113T	Advance Databases
Tuesday 23/08/2022	MSC-BT 117 T (A)	Environmental Biotechnology
	MSC-BT 117 T (B)	Food Biotechnology
	MSC-BO 117 T (A)	Biofertilizer and Algal Technology
	MSC-BO 117 T (B)	Pomo culture and Fruit Processing Technology
	MSC-CH117T	Elective Option-A: Chemical Kinetics and Reaction Dynamics Elective Option-B: Mathematics for Chemists
	MSC-CS 117T(A)	Artificial Intelligence
	MSC-ES117 T A	Fundamental and Application
	MSC-EN117 T(B)	Environmental Statistics-I(Elective-2)
	MSC-MS116T (A)	New Media Studies
	MSC-MR 117 T(A)	Fungal Systematics and Extremophiles
	MSC-PH 117 T (A)	Elective I Theory (Physics of Nanomaterials)
	MSC-ZO 117 T (A)	Biochemistry*
	MSC BC 117 A T	Genetics
	MSC-MT 114 T (A)	Advanced Calculus
	MSCST-114 T (A)	Multivariate Analysis Using R
MSC-CA 115T(A)	Web Technology	
Saturday 27/08/2022	MSC-CH119T	Introduction to Chemical Biology
	MSC-CS 119T	Research Methodology - I
	MSC-ES119T	Computer Organization
	MSC-EN 119 T	Environmental Instrumentation
	MSC-MT 115 T (A)	Ordinary Differential equations
	MSC-MS117T	Film Appreciation
	MSC-MR 119 T	Evolution and Ecology
	MSC-PH 119 T (F)	General Elective I (Digital Electronics)
	MSC-ZO 119 T	Economic Zoology
	MSC BC 119 T	Protein and Enzyme Technology

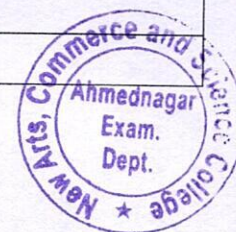


	MSC-CA 116 T	Python Programming
	MSC-BT 119 T	Genetics
	MSC-BO119 T	Biofuel Technology

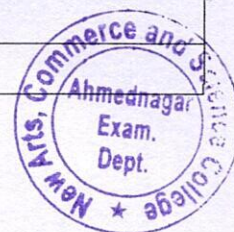
## Semester II

**Time: 09.00 – 12.00**

Day & Date	Paper Code	Subject
Friday 12/08/2022	MSC-BO211 T	Plant Systematics -II
	MSC-BT 211T	Genetic Engineering
	MSC-CH211T	Inorganic Chemistry-II (Coordination and Bioinorganic Chemistry)
	MSC-CS 211 T	Advanced Operating System
	MSC-ES 211T	Electromagnetic Fields and Antennas
	MSC-EN211T	Water & Soil Pollution: Management & Mitigation
	MSC-MT 211 T	Complex Analysis
	MSC-MS 211T	(A) Audio Visual Production Process
	MSC-MS 211T	(B) Journalism
	MSC-MR211T	Instrumentation and Molecular Biophysics
	MSC-PH 211 T	Electrodynamics
	MSCST-121	Probability Theory
	MSC-ZO 211 T	Anatomy and Physiology of Chordates and Developmental Biology
	MSC BC 211 T	Metabolism
	MSC-CA 211T	ASP.NET
Thursday 18/08/2022	MSC-BT 212T	Plant Biotechnology
	MSC-BO212 T	Molecular Biology
	MSC-CH212T	Organic Chemistry-II (Photochemistry, Pericyclic and Organic Spectroscopy)
	MSC-CS 212 T	Software Project Management
	MSC-ES 212T	Advanced Embedded System Design
	MSC-EN212T	Air, Noise & Radiation Pollution: Management & Mitigation
	MSC-MT 212 T	General Topology
	MSC-MS 212T	Media : Society and Culture




	MSC-MR212T	Molecular Biology I
	MSC-PH 212 T	Quantum Mechanics
	MSCST-122	Statistical Inference
	MSC-ZO 212 T	Endocrinology and Population Ecology
	MSC BC 212 T	Physical Biochemistry
	MSC-CA 212T	Operating System Concepts
Monday 22/08/2022	MSC-BT 213T	Bacteriology
	MSC-BO213 T	Biochemistry
	MSC-CH213T	Molecular Spectroscopy
	MSC-CS 213 T	Mobile Technologies
	MSC-ES 213T	Optical Fiber Communication (OFC)
	MSC-EN213T	Environmental Law, Ethics & Policy
	MSC-MT 213 T	Ring Theory
	MSC-MS 213T	Writing for the Media Platforms
	MSC-MR213T	Nitrogen Metabolism, Respiration and Photosynthesis
	MSC-PH 213 T	Atoms and Molecules
	MSCST-123	Regression Analysis Using R
	MSC-ZO 213 T	Biostatistics and Bioinformatics
	MSC BC 213 T	General Microbiology
	MSC-CA 213T	Advance Networking Concepts
Thursday 25/08/2022	MSC-BT 217T	Biostatistics
	MSC-BO217 T A	A) Floriculture and Nursery Management
	MSC-BO217 T B	(B) Mushroom Cultivation and Bio pesticide Technology
	MSC-CH217T	Elective Option-A: Nuclear and Radiation Chemistry Elective Option-B: Material Characterization Technique
	MSC-CS 217 T A	Dot Net
	MSC-ES217 T A	Digital Image Processing (DIP)
	MSC EN 217 A	Water and Waste Water Technology
	MSC-MT 214 T (A)	Numerical Analysis
	MSC-MS 216T	Advertising
	MSC-MR217T	Enzymology and Bioenergetics
	MSC-PH 217 T	Physics of Thin Films
	MSCST-124	Time Series Using ITSM (A)
	MSC-ZO 217 T (A)	Genetics
	MSC BC 217 A T	Research Methodology
	MSC-CA 215T	Django
	MSC-BT 219A	Virology



Tuesday 30/08/2022	MSC-BO219 T	GE-2 Plant Organism Interaction
	MSC-CH219T	Organometallic and Inorganic Reaction Mechanism
	MSC-CS219T	Research Methodology - II
	MSC-ES219T	Electronic Instrumentation
	MSC-EN219T	Research Methodology
	MSC-MT 215 T (A)	Partial Differential Equations
	MSC-MS 217T	Film Studies
	MSC-MR219T	Basic Virology
	MSC-PH 219 T	Sensors and Transducer
	MSC-ZO 219 T	Ethology
	MSC BC 219 T	Forensic Science
MSC-CA 216 T	Data Warehousing and Data Mining	
Friday 02/09/2022	MSC-MT 216 T	Probability and Statistical Techniques



  
**PRINCIPAL**  
**PRINCIPAL**  
 New Arts Commerce and Science College  
 Ahmednagar-414001