



**M.Sc. 2<sup>nd</sup> Sem(CBS) SUMMER, 2018**  
( 516,517 & 519 To 535 )

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

**M.Sc. 2<sup>ND</sup> SEMESTER (CBS) EXAMINATION OF SUMMER, 2018**

**-: PROGRAMME (WRITTEN) :-**

**TIME : 9.30 A.M. TO 12.30 P.M.**

Sr. No	Subject	Day Date Paper	Friday 04-05-2018 I	Monday 07-05-2018 II	Saturday 12-05-2018 III	Tuesday 15-05-2018 IV	Thursday 17-05-2018 V
1.	Physics	Quantum Mechanics – I		Numerical Methods	Statistical Physics	Electrodynamics – II	
2.	Chemistry	Inorganic Chemistry		Organic Chemistry	Physical Chemistry	Analytical Chemistry	
3.	Bio-Chemistry	Cellular and Molecular Immunology		Cell and Molecular Biology Techniques	Clinical Biochemistry	Molecular Biology	
4.	Microbiology	Advance Techniques in Microbiology		Membrane Structure and Signal Transduction	Microbial Methods for Environment Management	Microbial Metabolites	
5.	Botany	Plant Physiology and Biochemistry		Plant Development and Reproduction	Cell and Molecular Biology – I	Angiosperms – I	
6.	Zoology	Structure and Function of Ventbrates		Comparative Endocrinology	Molecular Biology and Biotechnology	Advance Developmental Biology	
7.	Geology	Sedimintology Geostatistics and Computer Application in Geology		Paleontology and Applied Paleobiology	Geochemistry Instrumentation Techniques	Structural Geology Geodynamics and Tectonics	
8.	Environmental Science	Environmental Ecosystem and Biodiversity		Natural Resources Management	Environmental Sampling and Research Methodology	Analytical Techniques for Environmental Monitoring	
9.	Statistics	Probability Theory		Elementary Stochastic Processes	Testing of Hypothesis	Lineor Models and Designs of Experiments	
10.	Electronics	Embedded Systems and Applications		Biomedical Instrumentation	Computer Organisation and Interfacing	Virtual Instrumentation	
11.	Computer Science	Windows Programming using VC++		Theory of Computation and Compiler Construction	Computer Architecture and Organization	Computer Graphics	
12.	Mathematics	Algebra – II		Real Analysis – II	Topology – II	Differential Geometry	<b>Optional Paper Any One</b> 1. Classical Mechanics 2. Mathematical Methods 3. Fuzzy Mathematics-II
13.	Sericulture	Post and Diseases of Mulberry Silkworm and Host Plants		Pest and Diseases of non Mulberry Silkworm and Host Plants	Cell and Molecular Biology	Physiology and Biotechnology	
14.	Medicinal Plant	Fundamentals of Pharmacognosy		Plant Biochemistry	Plant Metabolism and Development	Natural Plant Products & Phytochemistry – I	
15.	Molecular Biology and Genetic Engineering	Enzyme Technology		Recombinant DNA Technology I	Recombinant DNA Technology II	IPR Biosafety, Bioethics and Entrepreneurship	Immcnology
16.	Biotechnology	Microbiology		Industrial Biotechnology and Biostatistics	Immunology	Molecular Biology and Bioinformatics	
17.	Information Technology	Windows Programming using VC++		Theory of Computation and Compiler Construction	Network Programming	Open Sours Web Programming using PHP	
18.	<b>M.Sc. Tech. Applied Geology</b>	Metamorphic Petrology		Structural Geology, Geodynamics and Tectonics	Stratigraphy and Indian Geology	Precambrian Geology, Geodesy and Mapping	

**GENERAL INSTRUCTIONS FOR SEATING ARRANGEMENT**

The name of the Examination Centre is already printed on the Admission Card of each candidate. However, it is notified for general information of the candidates that, the seating arrangement for the Examination Centre will be notified separately seven days prior to the commencement of the written examination at the respective Examination Centre. The candidates concerned will also be able to get the necessary information about his/her Examination Centre from the concerned College of the candidate.

**Nagpur**

**Date: 10<sup>th</sup> March, 2018**

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**Sd/-  
Director  
Board Of Examination & Evaluation  
Rashtrasant Tukadoji Maharaj  
Nagpur University**