

NOTIFICATION OF THE GUJARAT UNIVERSITY

No. Exam. 'A' / 32805 / of 2018

Programme of the M.Sc. Semester - I Examination**December, 2018**

Candidates are requested to be present *fifteen minutes before the time appointed for the starting of the first paper and ten minutes before the time for setting each subsequent paper*. THEY ARE FORBIDDEN TO TAKE ANY BOOK, PAPER OR ANY KIND OF HAND-WRITTEN / TYPED / PRINTED MATERIAL, PROGRAMMABLE CALCULATOR, ANY TYPE OF MOBILE PHONE, ELECTRONICS INSTRUMENT INTO THE EXAMINATION HALL.

The written examination will be conducted in the following order :

Day & Date	M.Sc. Semester - I [Time : 3-30 p.m. to 6-00 a.m.]
Saturday, 1st December, 2018	<p>401 - Physics—Paper I (Quantum Mechanics - I Mathematical Physics)</p> <p>401 - Chemistry—Paper I (Inorganic Chemistry)</p> <p>401 - Botany—Paper I (Microbiology, Mycology & Phycology)</p> <p>401 - Zoology—Paper I (Cell Biology)</p> <p>401 - Geology—Paper I (Global Tectonics)</p> <p>401 - Microbiology—Paper I (Diversity of Prokaryotic and Eukaryotic Microorganisms)</p> <p>401 - Mathematics—Paper I (Functions of Several Variables) (Old)</p> <p>401 - Mathematics—Paper I (Mathematical Statistics) (New)</p> <p>401 - Statistics—Paper I (Matrix Algebra & Measure Theory)</p> <p>401 - Life Sciences—Paper I (Physical & Biological Chemistry)</p> <p>401 - Env Sc —Paper I (Natural and Biological Environment)</p> <p>401 - Bio-Chemistry—Paper I (Bioenergetics and Intermediary Metabolism)</p> <p>401 - Bio-Medical Technology—Paper I (Instrumentation and Methodology)</p> <p>401 - Bio-Technology—Paper I (Cellular Microbiology)</p> <p>401 - Bio-Technology (Integrated)—Paper I (Advances in Physiology) (K.K.S.C.)</p> <p>401 - Human Genetics—Paper I (Cell Biology)</p> <p>401 - Bio-informatics—Paper I (Biological Sciences, Statistics and Computer)</p> <p>401 - Electronics - Paper I (Solid State Physics & Semiconductor Devices)</p> <p>401 - Food Sciences & Nutrition - Paper I (Nutritional Biochemistry)</p> <p>401 - Climate Change — Paper I (Introduction to Climate and its Classification)</p> <p>401 - Forensic Science — Paper I</p> <p>401 - Animation — Animation Principle & Fundamentals</p> <p>401 - Mobile Application — Mobile Network Architecture</p> <p>401 - Cancer Biology — Fundamental of Cell and Cancer Cell Biology</p> <p>401 - Polymer Science — Adv. Polymer Science</p> <p>401 - Computer Science — Enterprise Data Management E.R.P.</p> <p>101 - Clinical Research : Elements of Microbiology & Biotechnology - Module-I</p> <p>401 - Gio-informatics 401 - Introduction & Principles of Toxicology</p>

Day & Date	M.Sc. Semester - I [Time : 3-30 p.m. to 6-00 a.m.]
Monday, 3rd December, 2018	402 - Physics—Paper II (Classical Mechanics - I, & Statistical Mechanics)
	402 - Chemistry—Paper II (Organic Chemistry)
	402 - Botany—Paper II (Cryptogams, Gymnosperms & Paleobotany)
	402 - Zoology—Paper II (Biochemistry)
	402 - Geology—Paper II (Structural Geology)
	402 - Microbiology—Paper II (Advances in Microbial Biochemistry)
	402 - Mathematics—Paper II (Metric Spaces) (Old)
	402 - Mathematics—Paper II (Measure & Integration) (New)
	402 - Statistics—Paper II (Probability Theory)
	402 - Life Sciences—Paper II (Principles of Microbial Sciences)
	402 - Environmental Science—Paper II (Environmental Issues and Impacts)
	402 - Bio-Chemistry—Paper II (Microbial Biochemistry)
	402 - Bio-Medical Technology-Paper II (Clinical Biochem. & Serology-I)
	402 - Bio-Technology—Paper II (Advances in Biochemistry)
	402 - Bio-Technology (Integrated)—Paper II (Genetics and Molecular Biology) (K.K.S.C.)
	402 - Human Genetics—Paper II (Techniques in Cytogenetics and Tissue Culture)
	402 - Bio-informatics—Paper II (Biochemistry, Human Physiology and Immunology)
	402 - Electronics - Paper II (Electronic Communication - I)
	402 - Food Sciences & Nutrition - Paper II (Functional Properties of Food)
	402 - Climate Change — Paper II (Climate Science)
	402 - Forensic Science — Paper II
	402 - Animation — Elements of Design, Visual Language & Aesthetics
	402 - Mobile Application — Mobile Device Architecture
	402 - Cancer Biology — Cytogenetics - I
	402 - Polymer Science — Polymeric Materials
	402 - Computer Science — Adv. Java Technology
	102 - Clinical Research : Fundamentals of Anatomy, Physiology & Pathology Module-II
	402 - Gio-informatics
402 - Analytical Toxicology	

M.Sc. Sem -I-[3]

Day & Date	M.Sc. Semester - I [Time : 3-30 p.m. to 6-00 a.m.]
<p>Tuesday, 4th December, 2018</p>	403 - Physics—Paper III (Electrodynamics - I & Programming in 'C')
	403 - Chemistry—Paper III (Physical Chemistry)
	403 - Botany—Paper III (Plant Taxonomy)
	403 - Zoology—Paper III (Animal Diversity)
	403 - Geology—Paper III (Mineralogy)
	403 - Microbiology—Paper III (Microbial Genetics and Biostatistics)
	403 - Mathematics—Paper III (Complex Analysis - I) (Old)
	403 - Mathematics—Paper III (Complex Analysis - I) (New)
	403 - Statistics—Paper III (Estimation Theory)
	403 - Life Sciences—Paper III (Molecular Cell Biology)
	403 - Env Sci—Paper III (Energy and Environment)
	403 - Bio-Chemistry—Paper III (Molecular Cell Biology)
	403 - Bio-Medical Technology—Paper III (Parasitology)
	403 - Bio-Technology—Paper III (Genetics and Biostatistics)
	403 - Bio-Technology (Integrated)—Paper III (Biotech Enterprise) (K.K.S.C.)
	403 - Human Genetics—Paper III (Genetics)
	403 - Bio-informatics—Paper III (Cell Biology & Analytical Technique)
	403 - Electronics - Paper III (Linear IC's and Their Applications)
	403 - Food Sciences & Nutrition - Paper III (Molecular Cell Biology)
	403 - Climate Change — Paper III (Global Warming and Climate Change)
	403 - Forensic Science — Paper III
	403 - Mobile Application — Mobile Application Development
	403 - Cancer Biology — Cellular and Molecular Basis of Cancer - I
	403 - Polymer Science — Natural & Synthetic Fibers
	403 - Computer Science — O.O.A.D. &
	103 - Clinical Research : General Pharmacology & Pharmacokinetic & Pharmacodynamic of Drugs - Module-III
	403 - Bio-informatics 403 - Systemic Toxicology

M.Sc. Sem -I [4]

Day & Date	M.Sc. Semester - I [Time : 3-30 p.m. to 6-00 a.m.]
Wednesday, 5th December, 2018	404 - Physics—Paper IV (Solid State Physics and Electronics-I)
	404 - Chemistry—Paper IV (Analytical Chemistry)
	404 - Botany—Paper IV (Phyto Resources, Ethnobotany & Phytochemistry)
	404 - Zoology—Paper IV (Physiology)
	404 - Geology—Paper IV (Palaentology Principles, Vertebrates & Plants)
	404 - Microbiology—Paper IV (Microbial Physiology and Immunology)
	404 - Mathematics—Paper IV (Ordinary Differential Equations) (Old)
	404 - Mathematics—Paper IV (Ordinary Differential Equations) (New)
	404 - Statistics—Paper IV (Sampling Theory)
	404 - Life Sciences—Paper IV (Developmental and Stem Cell Biology)
	404 - Env Sci—Paper IV [Environment and Soil]
	404 - Bio-Chemistry—Paper IV (Stem Cell Biology and Toxicology)
	404 - Bio-Medical Technology—Paper IV (Haematology)
	404 - Bio-Technology—Paper IV (Physiology and Immunology)
	404 - Human Genetics—Paper IV (Biological Chemistry)
	404-Bio-informatics—Paper IV (Fundamentals of Programming using'C'Language &HTML)
	404 - Electronics - Paper IV (Digital Systems Design and Microprocessor-I)
	404 - Food Sciences & Nutrition - Paper IV (Human Nutrition and Nutrients)
	404 - Climate Change — Paper IV (Observed Climate Change and International Responses)
Thursday, 6th December, 2018	404 - Forensic Science — Paper IV
	404 - Mobile Application — Mobile Web Application
	404 - Cancer Biology — Cancer Epidemiology and Etiology
	404 - Polymer Science — Bio-Polymers, 404 - Gio-informatics
	404 - Computer Science — Adv. Relational Database Management System
	405 - Mathematics—Paper V (Measure and Integration) (Old)
	405 - Polymer Science — Conducting Polymers
	405 - Computer Science — Adv. Data Structure 405 - Gio-informatics

The centres for the M.Sc.-Semester - I Examination will be as under :

(1)	01	—	Ahmedabad	:	(Places will be declared later on.)
(2)	43	—	Gandhinagar	:	(Places will be declared later on)
(3)	22	046	Kalol (NG)	:	46-Shri P.H. Goswami Muni. Arts & Sci. College
(4)	70	230	Pipalia	:	230-D. V. Bhagat Science College
(5)	18	039	Godhra	:	Arts & Science College
(6)	31	012	Nadiad	:	J. & J.Science College
(7)	23	115	Kapadwanj	:	Parekh Brothers Science College
(8)	28	118	Mansa	:	Science College

No Old Course is available in any of the subjects except it is specifically provided in the Programme.

The Practical Examinations will take place before the Theory Examination. Viva-Examination for Mathematics will also take place before the conclusion of theory examination. Due notice will be given by the Examiners (on the University website) of the dates, time and places of Practical and Viva examinations and the order in which candidates are to present themselves. *Candidates are directed to be present at the time and place appointed for their practical examinations. Those who fail to present themselves at the appointed time and place will not be examined in the practical afterwards.*

The use of calculator is allowed, but programmable calculator is not allowed in the Programme.
Ahmedabad-380 009