

NOTIFICATION OF THE GUJARAT UNIVERSITY

No. Exam. 'A'/ 61839 / of 2015

REVISED Programme of the M.Sc. Semester - I Examination**December-January, 2015-16**

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 : 10-00 a.m. to 1-00 p.m.]
Saturday, 26th December, 2015	<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 (Microbial Diversity and Physiology)</p> <p>401 - Mathematics—Paper I (Functions of Several Variables)</p> <p>401 - Statistics—Paper I (Matrix Algebra & Measure Theory)</p> <p>401 - Life Sciences—Paper I (Physical & Biological Chemistry)</p> <p>401 - Environmental Science—Paper I (Natural Environmental Resources & Conservation)</p> <p>401 - Bio-Chemistry—Paper I (Instrumentation and Techniques)</p> <p>401 - Bio-Medical Technology—Paper I (Instrumentation and Methodology)</p> <p>401 - Bio-Technology—Paper I (Biodiversity and Physiology)</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 - IT-IMS) — IT Security Systems</p> <p>401 - Animation — Animation Principles & 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>

M.Sc. Sem -I-[2]

Day & Date	M.Sc. Semester - I [Time : 10-00 a.m. to 1-00 p.m.]
Tuesday, 29th December, 2015	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 (Microbial Biochemistry and Genetics)
	402 - Mathematics—Paper II (Metric Spaces)
	402 - Statistics—Paper II (Probability Theory)
	402 - Life Sciences—Paper II (Principles of Microbial Sciences)
	402 - Environmental Science—Paper II (Natural Biological Environment)
	402 - Bio-Chemistry—Paper II (Molecular Cell Biology)
	402 - Bio-Medical Technology-Paper II (Clinical Biochem. & Serology-I)
	402 - Bio-Technology—Paper II (Biochemistry and Genetics)
	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	

M.Sc. Sem -I-[3]

Day & Date	M.Sc. Semester - I [Time : 10-00 a.m. to 1-00 p.m.]
Thursday, 31st December, 2015	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 (Micro Growth, Enzymology)
	403 - Mathematics—Paper III (Complex Analysis - I)
	403 - Statistics—Paper III (Estimation Theory)
	403 - Life Sciences—Paper III (Molecular Cell Biology)
	403 - Environmental Science—Paper III (Current Environmental Issues)
	403 - BioChemistry—Paper III (Bio-Energetics and Int. Metabolism)
	403 - Bio-Medical Technology—Paper III (Parasitology)
	403 - Bio-Technology—Paper III (Enzymology and Bioinstrumentation)
	403 - Bio-Technology (Integrated)—Paper III (Biotech Enterprise) (K.K.S.C.)
	403 - Human Genetics—Paper III (Genetics)
	403 - Bio-informatics—Paper III (Classical and Molecular Genetics)
	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	

M.Sc. Sem -I [4]

Day & Date	M.Sc. Semester - I [Time : 10-00 a.m. to 1-00 p.m.]
Saturday, 2nd January, 2016	<p>404 - Physics—Paper IV (Solid State Physics and Electronics-I)</p> <p>404 - Chemistry—Paper IV (Analytical Chemistry)</p> <p>404 - Botany—Paper IV (Phyto Resources, Ethnobotany & Phytochemistry)</p> <p>404 - Zoology—Paper IV (Physiology)</p> <p>404 - Geology—Paper IV (Palaentology Principles, Vertebrates & Plants)</p> <p>404 - Microbiology—Paper IV (Immunology and Biostatistics)</p> <p>404 - Mathematics—Paper IV (Ordinary Differential Equations)</p> <p>404 - Statistics—Paper IV (Sampling Theory)</p> <p>404 - Life Sciences—Paper IV (Developmental Biology and Toxicology)</p> <p>404 - Environmental Science—Paper IV [Energy Production & Management]</p> <p>404 - BioChemistry—Paper IV (Microbial Biochemical)</p> <p>404 - Bio-Medical Technology—Paper IV (Haematology)</p> <p>404 - Bio-Technology—Paper IV (Immunology and Biostatistics)</p> <p>404 - Human Genetics—Paper IV (Biological Chemistry)</p> <p>404 - Bio-informatics—Paper IV (Fundamentals of Programming using 'C' Language)</p> <p>404 - Electronics - Paper IV (Digital Systems Design and Microprocessor-I)</p> <p>404 - Food Sciences & Nutrition - Paper IV (Human Nutrition and Nutrients)</p> <p>404 - Climate Change — Paper IV (Observed Climate Change and International Responses)</p> <p>404 - Forensic Science — Paper IV</p> <p>404 - Mobile Application — Mobile Web Application</p> <p>404 - Cancer Biology — Cancer Epidemiology and Etiology</p> <p>404 - Polymer Science — Bio-Polymers</p>
Tuesday, 5th January, 2016	<p>405 - Mathematics—Paper V (Measure and Integration)</p> <p>405 - Polymer Science — Conducting Polymers</p>

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

1. Ahmedabad	01	—	:	(Places will be declared later on) :
2. Dabhoi	10	29	:	Arts & Science College
3. Dahod	17	154	:	Science College
4. Godhra	18	39	:	Arts & Science College
5. Nadiad	31	12	:	J. & J. Science College
6. Chhota-Udepur	09	078	:	Arts, Commerce & Science College
7. Lunawda	25	091	:	Arts, Science & Commerce College
8. Mansa	28	118	:	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 Notice Board) 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

December 19, 2015

By order,
Dr. D. M. Patel
Controller of Examinations