

NOTIFICATION OF THE GUJARAT UNIVERSITY

No. Exam. '4-A' / 64762 / of 2020

Programme of the M.Sc. Sem.-III Examination, March, 2020

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, ANY TYPE OF PAGER INTO THE EXAMINATION HALL.

The written examination will be conducted in the following order :

<i>Day & Date</i>	M.Sc. Semester - III [Time : 08-30 a.m. to 11-00 a.m.]
Thursday, 5th March, 2020	501 - Physics (Nuclear Physics-I, Advanced Quantum Mechanics-I and Instrumentation)
	501 - Chemistry (Inorganic) (Advanced Inorganic Chemistry)
	501 - Chemistry (Organic) (Natural Products and Biomolecules)
	501 - Chemistry (Analytical) (Industrial Analytical)
	501 - Chemistry (Advanced Physical Chemistry)
	501 - Botany (Plant Anatomy and Embryology Histochemical Techniques)
	501 - Zoology (Developmental Biology)
	501 - Geology (Economic Geology)
	501 - Microbiology (Microbiology of Food & Agriculture)
	501 - Mathematics (Functional Analysis - I) (New)
	501 - Statistics (Testing of Hypothesis)
	501 - Life Sciences (Immunology and Immunotechnology)
	501 - Environmental Science (Environmental Biotechnology)
	501 - Bio-Chemistry ((Immunology and Immunotechnology)
	501 - Bio-Medical Technology (Immunology)
	501 - Bio-Technology (Plant Biotechnology)
	501 - Bio-Technology (Integrated) (Food Technology)
	501 - Human Genetics (Genetic Toxicology and Cancer Genetics)
	501 - Bio-Informatics (Python Programming)
	501 - Electronics Sciences (Thin Film Technology)
	501 - Food Sciences & Nutrition (Community Health and Nutrition)
	501 - Climate Change (Climate Change Adaptation)
	501 - Forensic Science (Forensic Physics)
	501 - Polymer Science (Science of Polymer Processing)
	501 - CB Cancer Genomics and Proteomics
	301 - Clinical Research (Conduct of Bioequivalence Studies) (Module-VII)
	501 - Computer Science (Mobile Computing)
501 - Gioinformatics Internet/Web GIS	
501 - Toxicology Analytical And preclinical Toxicology	
501 - Horticulture	

Friday
6th March,
2020

- 502 - **Physics** (Numerical Methods and Analog Electronics)
- 502 - **Chemistry** (Inorganic) (Selected Topics in Inorganic Chemistry)
- 502 - **Chemistry** ((Organic) (Medicinal Chemistry)
- 502 - **Chemistry** (Analytical) (Qualitative Optical spectroscopic Methods)
- 502 - **Chemistry** (Selected Topics in Physical Chemistry)
- 502 - **Botany** (Classical and Molecular Genetics)
- 502 - **Zoology** (Ecological Sciences)
- 502 - **Geology** (Geochemistry Precambrian Geology)
- 502 - **Microbiology** (Environmental Microbiology)
- 502 - **Mathematics** (Algebra - I) (New)
- 502 - **Statistics** (Design of Experiments)
- 502 - **Life Sciences** (Analytical and Separation Techniques)
- 502 - **Environmental Science** (Environmental Toxicology and its Impact)
- 502 - **Bio-Chemistry** (Instrumentation and techniques)
- 502 - **Bio-Medical Technology** (Clinical Endocrinology)
- 502 - **Bio-Technology** (Environmental Biotechnology)
- 502 - **Bio-Technology (Integrated)** (Omics Technology)
- 502 - **Human Genetics** (Genetic Engineering)
- 502 - **Bio-informatics** (Linux and System Development)
- 502 - **Electronics Sciences** (Control Systems - I and Programming in 'C' Language- II)
- 502 - **Food Sciences & Nutrition** (Research Methodology)
- 502 - **Climate Change** (Climate Change Mifigation)
- 502 - **Forensic Science** (Forensic Biology, Serology and DNA Profiling)
- 502 - **Polymer Science** (Polymer Additives and Compounding)
- 502 - **CB Tumor Immunology**
- 302 - **Clinical Research** (Clinical Data Management and Biostatistics) (Module-VIII)
- 502 - **Computer Science** (Distributed Operating Systems)
- 502 - **Gioinformatics** Aplication of Gioinformatics for Natural Resources Managemant & Disaster Mitigation
- 502 - **Toxicology** (Applied Toxicology)
- 502 - **Horticulture**

Saturday
7th March,
2020

- 503 - **Physics** (Digital Electronics and Microprocessors - I)
- 503 - **Chemistry** (Inorganic) (Inorganic Pharmaceutical Medicinal Chemistry)
- 503 - **Chemistry** (Organic) (Organic Spectroscopy)
- 503 - **Chemistry** (Analytical) (Electro Analytical Techniques)
- 503 - **Chemistry** (Polymer Chemistry)
- 503 - **Botany** (Plant Biotechnology)
- 503EA - **Zoology** (Mollecular Cell Biology - I)
- 503EB - **Zoology** (Molecular Endocrinology - I)
- 503 - **Geology** (Igneous Petrology)
- 503 - **Microbiology** (Biogeohydrotechnology and Biofuels)
- 503EA - **Mathematics** (Advanced Calculus) (New)
- 503EB - **Mathematics** (Financial Mathematics) (New)
- 503 - **Statistics** (Multivariate Analysis)
- 503 - **Life Sciences** (Biostatistics, Bioinformatics,Bioinstrumantion and Bioassays)
- 503 - **Environmental Science** (Envionmental Rules & Regulation)
- 503 - **BioChemistry** (Biostatistics, Bioinformatics,Bioinstrumantion and Bioassays)
- 503 - **Bio-Medical Technology** (Reproductive Technologies and Radiation Diagnostics)
- 503 - **Bio-Technology** (Biogeohydrotechnology and Biofuels)
- 503 - **Bio-Technology (Integrated)** (Enzyme & Microbial Technology)
- 503 - **Human Genetics** (Clinical and Molecular Genetics)
- 503 - **Bio-informatics** (Genomics and Proteomics)
- 503 - **Electronics Sciences** (Microcontoller - II and Digital Signal Processing - II)
- 503 - **Food Sciences & Nutrition** (Clinical Nutrition and Dietetics)
- 503 - **Climate Change** (Climate Change Issues need Attention)
- 503 - **Forensic Science** (Forensic Medicine and Anthropology)
- 503 - **Polymer Science** (Adhesive and Coating Science)
- 503 - **CB** Cancer Drug Discovery and its Application in Cancer Research
- 303 - **Clinical Research** (Pharmacovigilance and Post Marketing Surveillance) (Module-IX)
- 503 - **Computer Science** (Computer Algorithm)
- 503 - **Geoinformatics** Application of Computer for Agriculture & Forestry
- 503 - **Toxicology** (Industrial Envionmental Toxicology)
- 503 - **Horticulture**

Day & Date	M.Sc. Semester - III [Time : 08-30 a.m. to 11-00 a.m.]
Monday 9th March, 2020	<p>504 - Physics (Electronic Communication I)</p> <p>504 - Chemistry (Supramolecular Chemistry)</p> <p>504 - Chemistry (Industrial Chemistry)</p> <p>504 - Chemistry (Modern Separation Techniques)</p> <p>504 - Chemistry (Catalysis)</p> <p>504 - Botany (Bio-Physics, Bio-Statistics & Bio-Informatics)</p> <p>504EA - Zoology (Molecular Cell Biology - II)</p> <p>504EB - Zoology (Molecular Endocrinology - II)</p> <p>504 - Geology (Metamorphic Geology)</p> <p>504E1 - Microbiology (Animal Tissue culture and Pharmaceutical Biotechnology)</p> <p>504EA - Mathematics (Mathematical Programming) (New)</p> <p>504EB - Mathematics (Computational Mathematics) (New)</p> <p>504 - Statistics (Operation Research)</p> <p>504EA - Life Sciences (Applied Botany)</p> <p>504EB - Life Sciences (Fermentation Technology)</p> <p>504EC - Life Sciences (Molecular Biology and Animal Biotechnology)</p> <p>504ED - Life Sciences (Cancer Biology)</p> <p>504 - Environmental Science (Environmental Impact Assessment)</p> <p>504EA - Bio-Chemistry (Advance Molecular Biology And Bio-Technology)</p> <p>504EB - Bio-Chemistry (Molecular oncology)</p> <p>504 - Bio-Medical Technology (Clinical Genetics)</p> <p>504E1 - Bio-Technology (Animal Tissue culture and Pharmaceutical Biotechnology)</p> <p>504 - Human Genetics (Stem Cell Biology and Nanosciences)</p> <p>504 - Bio-Informatics (Drug Discovery and Pharmacogenomics)</p> <p>504 - Electronics Sciences (Microwaves II and Instrumentation II)</p> <p>504 - Food Sciences & Nutrition (Nutrition in Critical Care, Food Safety and Law)</p> <p>504 - Climate Change (Individual and Global Responsibility)</p> <p>504 - Forensic Science (Recent Advances, Quality Management and Evidence Evaluation)</p> <p>504 - CB Biostatistics and its Application in Cancer Research</p> <p>504 - Polymer Science (Rubber Science)</p> <p>504 - Computer Science (IOS Programming)</p> <p>504 - Geoinformatics (Application of Geoinformatics for Urban & regional Planning)</p> <p>504 - Toxicology (Forensic & Pharmaceuticals Toxicology)</p> <p>504 - Horticulture</p>
Wednesday 11th March, 2020	<p>505 - Mathematics (Functions of Several Variables - II) (Old)</p> <p>505 - Polymer Science (Polymer Membranes)</p>

The centres for the M.Sc.-Semester -III (Regular & External) Examination will be as under :

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|-------|-----------|---|--------------------|---------------------------------------|
| (1) | 01 | — | Ahmedabad | : (Places will be declared later on.) |
| (2) | 43 | — | Gandhinagar | : (Places will be declared later on.) |

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 Web Site) 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

February 07 , 2020

for Controller of Examinations