



## NOTIFICATION OF THE GUJARAT UNIVERSITY

No. Exam. '4-A' / 46327 / of 2023

### Programme of the M.Sc. Semester-III Examination-November, 2023

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-III [Time : 11:00 a.m. to 01:30 p.m.]
Wednesday, 01 <sup>st</sup> November, 2023	<b>501-Physics</b> (Nuclear Physics-I, Adv. Quantum Mechanics-I & Instrumentation) (New) <b>501-Botany</b> (Plant Anatomy, Embryology...) <b>501-Zoology</b> (Biostatistics, Bioinformatics & Research Methodology) <b>501-Geology</b> (Economic Geology) <b>501-Applied Geology</b> (Metamorphic Petrology) <b>501-Microbiology</b> (Microbiology of Food & Agriculture) <b>501-Mathematics</b> (Functional Analysis – I) (New) <b>501-Statistics</b> (Testing of Hypotheses)(New) <b>501-Life Sciences</b> (Immunology and Immunotechnology) <b>501-Env Sc</b> (Environmental Biotechnology) <b>501-Bio-Chemistry</b> (Immunology and Immunotechnology) <b>501-Bio-Medical Tech</b> (Biostatistics, Biostatistics, Bioinformatics & Res. Methods) <b>501-Bio-Technology</b> (Plant Biotechnology) <b>501-Bio-Technology (Integrated)</b> (Food Biotechnology) (K.K.S.C.) <b>501-Human Genetics</b> (Biostatistics, Bioinformatics & Research Methodology) <b>501-Bio-informatics</b> (Python Programming) <b>501-Electronics</b> (Thin film technology) (New) <b>501-Food Sciences &amp; Nutrition</b> (Community Health Nutrition) <b>501-Climate Change</b> (Climate Change Adaptation) <b>501-Forensic Science</b> (Forensic Biology Serology & DNA Profiling.) <b>501-Cancer Biology</b> (Cancer Genomics & Proteomics) <b>501-Polymer Science</b> (Science of Polymer Processing) <b>501-Computer Science</b> (Mobile Computing) <b>501-Geo-informatics</b> (Internet/ Web GIS) <b>501-Horticulture</b> (Post Harvest Management) <b>501-Toxicology</b> (Research Methods & Preclinical Toxicology) <b>501-Wildlife</b> (Biostatistics, Bioinformatics & Research Methodology) <b>501-AMS (Applied Mathematical Science)</b> (Cryptography) <b>501-Cyber Security</b> (Security Monitoring) <b>501-Medical Physics</b> (Radiological Mathematics) <b>501-Pharma Science</b> (Research Methodology IPR & Patent) <b>501-AVCM</b> (Operation Management of Agribusiness) <b>301-Clinical Research</b> (Conduct of Bioequivalence Studies)
Thursday, 02 <sup>nd</sup> November, 2023	<b>502-Physics</b> (Numerical Methods & Digital Electronics) <b>502-Botany</b> (Classical & Molecular Genetics) <b>502-Zoology</b> (Developmental Biology & Molecular Medicine) <b>502-Geology</b> (Geochemistry, Precambrian Geology) <b>502-Applied Geology</b> (Economic Geology) <b>502-Microbiology</b> (Environmental Microbiology) <b>502-Mathematics</b> (Algebra – I) (New) <b>502-Statistics</b> (Design of Experiments) <b>502-Life Sciences</b> (Analytical and Separation Techniques) <b>502-Env Sci</b> (Environmental Toxicology and its Impact) <b>502-Bio-Chemistry</b> (Instrumentation and Techniques) <b>502-Bio-Medical Tech</b> (Histology, Molecular Medicine & Pathology) <b>502-Bio-Technology</b> (Environmental Biotechnology) <b>502-Bio-Technology (Integrated)</b> (Omics Technology) (K.K.S.C.)

Day & Date	M.Sc. Semester-III [Time : 11:00 a.m. to 01:30 p.m.]
	<p>502-Human Genetics (Developmental Biology, Cancer &amp; Molecular Medicine)            502-Bio-informatics (Linux and System Development)            502-Electronics (Control Systems-II &amp; Programming in C Language-II) (New)            502-Food Sciences &amp; Nutrition (Research Methodology)            502-Climate Change (Climate Change Mitigation)            502-Forensic Science (Forensic Toxicology &amp; Pharmacology)            502-Cancer Biology (Tumour Immunology)            502-Polymer Science (Polymer Additives &amp; Compounds)            502-Computer Science (Distributed Operating Systems)            502-Geo-informatics (Natural Resources Mgmt. &amp; Disaster Mitigation)            502-Horticulture (Nursery Management)            502-Toxicology (Analytical Toxicology-II)            502-Wildlife (EIA, Ecotourism, and Climate change)            502-Cyber Security (Reverse Engineering &amp; Malware Analysis)            502-Medical Physics-Nuclear Physics            502-AMS (Numerical Optimisation)            502-Medical Physics (Physics of Nuclear Medicine &amp; Int. Dosimetry)            502-Pharma Science (Pharmaceutics-II)            502-AVCM (Agriculture Trade &amp; Exports)            302-Clinical Research (Clinical Data Management &amp; Biostatistics)</p>
<p>Friday,            03<sup>rd</sup> November,            2023</p>	<p>503-Physics (Satellite Communication, Fiber Optics &amp; Microprocessor-I) (New)            503-Botany (Plant Biotechnology)            503-Zoology (EA-Cell Biology, Cytogenetics &amp; Molecular Biology-I)            503-Zoology (EB-Endocrinology &amp; Reproductive Technology-I)            503-Zoology (EC-Ecotoxicology &amp; Wildlife Forensics-I)            503-Zoology (ED-Fish Biology &amp; Fishery Science-I)            503-Zoology (EE-Genetic Counselling-I)            503-Zoology (EF-Toxicology-I)            503-Zoology (EG-Entomology-I)            503-Geology (Igneous Petrology)            503-Applied Geology (Fuel Geology &amp; Mining Geology)            503-Microbiology (Biogeohydrotechnology and Biofuels)            503-Mathematics (EA-Advanced Calculus) (New)            503-Mathematics (EB-Financial Mathematics) (New)            503-Statistics (Multivariate Analysis) (New)            503-Life Sciences (Biostatistics, Bioinformatics Bioinstrumentation and Bioassays)            503-Env Sci (Environmental Rules and Regulations)            503-Bio-Chemistry (Biostatistics, Bioinformatics Bioinstrumentation and Bioassays)            503-Bio-Medical Tech (EA-Cell Biology, Cytogenetics &amp; Molecular Biology-I)            503-Bio-Medical Tech (EB-Endocrinology &amp; Reproductive Technology-I)            503-Bio-Medical Tech (EC-Entomology-I)            503-Bio-Medical Tech (EC-Ecotoxicology &amp; Wildlife Forensics-I)            503-Bio-Medical Tech (ED-Genetic Counselling-I)            503-Bio-Medical Tech (EE-Toxicology-I)            503-Bio-Technology (Biogeohydrotechnology and Biofuels)            503-Bio-Technology (Integrated) (Enzyme &amp; Micro. Tech.) (K.K.S.C.)            503-Human Genetics (EA-Cell Biology, Cytogenetics &amp; Molecular Biology-I)            503-Human Genetics (EB-Endocrinology &amp; Reproductive Technology-I)            503-Human Genetics (EC-Genetic Counselling-I)            503-Human Genetics (ED-Toxicology-I)            503-Bio-informatics (Genomics and Proteomics)            503-Electronics (Microcontroller-II &amp; Digital Signal processing – I) (New)            503-Food Sciences &amp; Nutrition (Clinical Nutrition &amp; Dietetics)            503-Climate Change (Issues Need Attention)            503-Forensic Science (Forensic Medicine &amp; Anthropology)            503-Cancer Biology (Cancer Drug Discovery &amp; its Application)            503-Polymer Science (Adhesive &amp; Coating Science)            503-Computer Science (Computer Algorithm)            503-Geo-informatics (EA-Urban &amp; Regional Planning)            503-Geo-informatics (EB-Agriculture &amp; Forestry)            503-Geo-informatics (EC-Geomorphology)            503-Horticulture (Horti Management)</p>

Day & Date	M.Sc. Semester-III [Time : 11:00 a.m. to 01:30 p.m.]
	<p>503-Toxicology (Pharmaceutical &amp; Microbial Toxicology)            503-Wildlife (EA-Entomology-I)            503-Wildlife (EB-Fish Biology &amp; Fishery Science-I)            503-Wildlife (EC-Ecotoxicology &amp; Wildlife Forensics-I)            503-Wildlife (ED-Toxicology-I)            503-Cyber Security (EA-System Hacking &amp; Security with MSF-I)            503-Cyber Security (EB-SCADA Security)            503-AMS (Financial Mathematics)            503-Medical Physics (Radiation Detectors &amp; Instrumentation)            503-Pharma Science (EA-Pharma. Microbiology &amp; Biotechnology)            503-Pharma Science (EB-Nutraceuticals &amp; Food Science)            503-AVCM (Gen Next Farming)            303-Clinical Research (Pharmacovigilance &amp; Post Marketing Surveillance)</p>
<p>Saturday,            04<sup>th</sup> November,            2023</p>	<p>504-Physics (Electronic Communication-I) (New)            504-Botany (Biophysics, Biostatistics &amp; Bioinformatics)            504-Zoology (EA-Cell Biology, Cytogenetics &amp; Molecular Biology-II)            504-Zoology (EB-Endocrinology &amp; Reproductive Technology-II)            504-Zoology (EC-Ecotoxicology &amp; Wildlife Forensics-II)            504-Zoology (ED-Fish Biology &amp; Fishery Science-II)            504-Zoology (EE-Genetic Counselling-II)            504-Zoology (EF-Toxicology-II)            504-Zoology (EG-Entomology-II)            504-Geology (Metamorphic Geology)            504-Applied Geology (Palaeontology &amp; Palynology)            504-Microbiology (EA-Animal Tissue culture and Pharmaceutical Biotechnology)            504-Microbiology (EB-Recombination DNA Technology)            504-Microbiology (EC-Biopharmaceuticals and Drug Development)            504-Mathematics (EA-Mathematical Programming) (New)            504-Mathematics (EB-Computational Mathematics) (New)            504-Statistics (Operations Research) (New)            504-Life Sciences (EA-Applied Botany)            504-Life Sciences (EB-Fermentation Technology)            504-Life Sciences (EC-Molecular Biology and Animal Biotechnology)            504-Life Sciences (ED-Cancer Biology)            504-Env Sci (Environmental Impact Assessment)            504-Bio-Chemistry (EA-Advance Molecular Biology and Biotechnology)            504-Bio-Chemistry (EB-Molecular Oncology)            504-Bio-Medical Tech (EA-Cell Biology, Cytogenetics &amp; Molecular Biology-II)            504-Bio-Medical Tech (EB-Endocrinology &amp; Reproductive Technology-II)            504-Bio-Medical Tech (EC-Entomology-II)            504-Bio-Medical Tech (EC-Ecotoxicology &amp; Wildlife Forensics-II)            504-Bio-Medical Tech (ED-Genetic Counselling-II)            504-Bio-Medical Tech (EE-Toxicology-II)            504-Bio-Technology (EA-Animal Tissue culture and Pharmaceutical Biotechnology)            504-Bio-Technology (EB-Recombination DNA Technology)            504-Bio-Technology (EC-Biopharmaceuticals and Drug Development)            504-Human Genetics (EA-Cell Biology, Cytogenetics &amp; Molecular Biology-II)            504-Human Genetics (EB-Endocrinology &amp; Reproductive Technology-II)            504-Human Genetics (EC-Genetic Counselling-II)            504-Human Genetics (ED-Toxicology-II)            504-Bioinformatics (Drug Discovery and Pharmacogenomics)            504-Electronics (Microwaves-II &amp; Instrumentation-II) (New)            504-Food Sciences &amp; Nutrition (Nutrition In Critical Care, Food Safety and Law)            504-Climate Change (International Responses &amp; Individual Responsibilities)            504-Forensic Science (Cyber Forensic)            504-Cancer Biology (Biostatistics &amp; its Application)            504-Polymer Science (Rubber Science)            504-Computer Science (IOS Programming)            504-Geo-informatics (EA-Urban &amp; Regional Planning)            504-Geo-informatics (EB-Agriculture &amp; Forestry)            504-Geo-informatics (EC-Geomorphology)            504-Horticulture (Advances in Horticultural Practices)            504-Toxicology (EA-Forensic Toxicology)            504-Toxicology (EB-Nutraceuticals &amp; Food Science)</p>

Day & Date	M.Sc. Semester-III [Time : 11:00 a.m. to 01:30 p.m.]
	<b>504-Wildlife</b> (EA-Entomology-II) <b>504-Wildlife</b> (EB-Fish Biology & Fishery Science-II) <b>504-Wildlife</b> (EC-Ecotoxicology & Wildlife Forensics-II) <b>504-Wildlife</b> (ED-Toxicology-II) <b>504-Medical Physics</b> -Quantum Mechanics <b>504-AMS</b> (Machine Learning Algorithms) <b>504-Cyber Security</b> (EA-System Hacking & Security with MSF1-II) <b>504-Cyber Security</b> (EB-IOT Security) <b>504-Medical Physics</b> (Radiation Biology) <b>504-Pharma Science</b> (GMP, GLP & Drug Regulatory Affairs) <b>504-AVCM</b> (EB-Animal Husbandry, Dairy, Fishery)
Monday, 06 <sup>th</sup> November, 2023	<b>505-Polymer Science</b> (Polymer Membranes)

The centre for the M.Sc. Semester-III Examination will be as under :

Sr No.	Centre Code	College Code	City	College
(1)	01	—	Ahmedabad	Places will be declared later on:
(2)	02	—	Ahmedabad	Places will be declared later on:
(3)	03	—	Ahmedabad	Places will be declared later on:
(4)	22	046	Kalol (NG)	46-Shri P.H. Goswami Muni. Arts & Science College
(5)	28	118	Mansa	Sheth L H Science College
(6)	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 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

October 10, 2023

By Order

for Controller of Examinations.