

# NOTIFICATION OF THE GUJARAT UNIVERSITY

No. Exam. 'A'/ 9237 / of 2022

## Programme of the M.Sc. Semester-II Examination - June, 2022

Candidates are requested to be present *fifteen minutes before the time appointed for the setting 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 centres for the M.Sc.-Semester - II Examination will be as under :

- |     |           |   |                     |   |
|-----|-----------|---|---------------------|---|
| (1) | <b>01</b> | — | <b>Ahmedabad:</b>   | (Places will be declared later on.)               |
| (2) | <b>02</b> | — | <b>Ahmedabad:</b>   | (Places will be declared later on.)               |
| (3) | <b>22</b> | — | <b>Kalol (NG) :</b> | 46-Shri P.H. Goswami Muni. Arts & Science College |
| (4) | <b>38</b> | — | <b>Mansa:</b>       | 38- S D Arts & B R Commerce College               |
| (5) | <b>43</b> | — | <b>Gandhinagar:</b> | (Places will be declared later on.)               |

The written examination will be conducted in the following order :

Day & Time	Time: 3-00 P.M. to 5-00 P.M.	
Tuesday, 7 <sup>th</sup> June, 2022	<b>P-407</b> <b>Physics</b> -Q.M.-II & Mathematical Phy.-II <b>Electronics</b> - Micro-I & Semi Cond. Devices <b>Chemistry</b> - Inorganic Chemistry <b>Biochemistry</b> -Plant & Env. Biochemistry <b>Botany</b> -Cytology & Molecular Technology <b>Microbiology</b> - Fermentation Technology <b>Mathematics</b> - Matric Spaces <b>Statistics</b> - Reliable & Life Test. <b>Geology</b> -Crystallography <b>Pharm Sci</b> -Pharmaceutical Biochemistry <b>Geography</b> - Philo. of Geographical Thou. <b>App Geology</b> -Tectonic & Crystal Evo. <b>Life Science</b> - Princi. of Plant Sci. & Eco. <b>Env. Sci</b> -Water Qual & Wastewater Treat. <b>Med. Physics</b> -Atomic & Molecular Physics <b>Bio-Tech</b> -Applied Microbiology <b>Food Sci</b> -Nutri. Fitness & Life Cycle <b>Bioinfo</b> -Classical & Molecular Genetics <b>AVCM</b> -Legal Aspects of Agripren. <b>Cli Chng</b> -Effects of Climate Change	<b>Poly Sci</b> -Poly. Stru. Prop. & Relation. <b>Cancer Bio</b> -Cytogenetics-II <b>CS</b> -Data Warehousing & Data Mining <b>Toxico</b> -Molecular Tox. & Toxigenomics <b>Horti</b> -Ornamental Horticulture <b>Geo info</b> -Photogram. & Digital Image <b>Material Science</b> -407 <b>Cyber Security &amp; Forensics</b> -407 (Fundamentals of MSF and Advanced Cryptography) <b>Forensic Science</b> -407 <b>Biotech (Integrated)</b> -407 <b>Clinical Research</b> -407 <b>Big Data Analytics</b> -407 <b>Plant Tissue Culture</b> -407 <b>Network Security</b> -407 <b>Mob App</b> -Basic Android for Mobile <b>AMS</b> -Design of Exp. & Reg. Analysis <b>Zoology</b> -GENETICS & IMMUNOLOGY <b>Bio-Medi</b> -CLINICAL GENETICS & IMMUNOLOGY <b>Hum Gen</b> -GENETICS & IMMUNOLOGY <b>Wildlife</b> -WILDLIFE CONSERVATION & MANAG.
Wednesday, 8 <sup>th</sup> June, 2022	<b>P-408</b> <b>Physics</b> - C.M.-II & Solid-State Properties <b>Electronics</b> - Micro-II & Prog. in C Lang-I <b>Chemistry</b> - Organic Chemistry <b>Biochemistry</b> - Human Physiology <b>Botany</b> -Plant Ecology <b>Microbiology</b> - Gene Reg. & Recomb. DNA. <b>Mathematics</b> - Real Analysis <b>Statistics</b> - Distribution Theory <b>Geology</b> -Stratigraphy & Micropala. <b>Pharm Sci</b> -Pharmaceutics-I <b>Geography</b> - Principles & Applied Oceanography <b>App Geology</b> -Stratigraphy <b>Life Science</b> - Mammalian Physiology <b>Env. Sci</b> - Integra. Solid Waste Mgmt.	<b>Poly Sci</b> -Molecular Motion in Polymers <b>Cancer Bio</b> -Cell. & Mole. Basis of Cancer-II <b>Computer</b> -Python Programming <b>Toxico</b> -Biochemical & Immuno. Tox. <b>Horti</b> -Green House Technology <b>Geo info</b> -Spatial Database & Model. <b>Material Science</b> -408 <b>Cyber Security &amp; Forensics</b> -408 (Cyber Forensic and Investigation) <b>Forensic Science</b> -408 <b>Biotech (Integrated)</b> -408 <b>Clinical Research</b> -408 <b>Big Data Analytics</b> -408 <b>Plant Tissue Culture</b> -408 <b>Network Security</b> -408

Day & Time	Time: 3-00 P.M. to 5-00 P.M.	
	<b>Med. Physics-</b> Radiation Physics & Radiation Generators <b>Bio-Tech-</b> Gene Reg. & Recomb. DNA <b>Food Sci-</b> Nutritional Physiology <b>Bio info-</b> Algorithms & Data Structure <b>AVCM-</b> Env., Climate Change & Water Effi. <b>Cli Chng-</b> Tools & Techniques	<b>Mob App-</b> Advanced Web Technology <b>AMS-</b> Adv. Operations Research <b>Zoology-</b> Genetic Eng. & Adv. Mole. Tech. <b>Bio-Medi-</b> Genetic Eng. & Adv. Mole. Tech. <b>Hum Gen-</b> Genetic Eng. & Adv. Mole. Tech. <b>Wildlife-</b> Wildlife Health & Adv. Mole. Tech.
Thursday, 9 <sup>th</sup> June, 2022	<b>P-409</b> <b>Physics-</b> Semiconductor Phy. & Devices <b>Electronics-</b> Microcont-II & Power & Indus. <b>Chemistry-</b> Physical Chemistry <b>Biochemistry-</b> Advanced Enzymology <b>Botany-</b> Plant Physiology <b>Microbiology-</b> Tools & Tech.in Syn. <b>Mathematics-</b> Complex Analysis-II <b>Statistics-</b> Mathematical Program. <b>Geology-</b> Indian Stratigraphy <b>Pharm Sci-</b> Pharmaceutical Engineering <b>Geography-</b> Population & Settlement Geo. <b>App Geology-</b> Structural Geology <b>Life Science-</b> Ethology, Evolu. & Toxico. <b>Env Sci-</b> Aquatic & Marine Envi. Chem <b>Med. Physics-</b> Electro. & Instrumentation <b>Bio-Tech-</b> Tools & Tech.in Syn. Biology <b>Food Sci-</b> Food Production, Devel. & Mrktg <b>Bio Info-</b> Database Management Sys. <b>AVCM-</b> Human Resource Management <b>Cli Chng-</b> Policy & Legislation	<b>Poly Sci-</b> Analysis & Charact. of Poly. <b>Cancer Bio-</b> Stem Cell & Regenerative Medi. <b>Computer-</b> Information Security <b>Toxico-</b> Environment & Industrial Tox. <b>Horti-</b> Floriculture <b>Geo Info-</b> Spatial Ana. & Stati. Mtds. <b>Material Science-</b> 409 <b>Cyber Security &amp; Forensics-</b> 409 (Reserve Engineering and Malware Analysis) <b>Forensic Science-</b> 409 <b>Biotech (Integrated)-</b> 409 <b>Clinical Research-</b> 409 <b>Big Data Analytics-</b> 409 <b>Plant Tissue Culture-</b> 409 <b>Network Security-</b> 409 <b>Mob App-</b> Elective-I <b>AMS-</b> Mathematical Modelling <b>Zoology-</b> Ecology & Ethology <b>BIO-MEDI-</b> Clinical Biochemistry & Serology <b>Hum Gen-</b> Clinical & Molecular Genetics <b>WILDLIFE-</b> Ecology & Animal Behaviour
Friday, 10 <sup>th</sup> June, 2022	<b>P-410</b> <b>Physics-</b> Analog Electronics <b>Electronics-</b> Optoelectronics & Control Sys-I <b>Chemistry-</b> Analytical Chemistry <b>Biochem-</b> Nutritional & Clinical <b>Botany-</b> Plant Breeding & Horticulture <b>Microbiology-</b> Adv.in Microbial Tech <b>Mathematics-</b> Partial Diff. Equations <b>Statistics-(EA)</b> Computer Programming <b>Statistics -(EB)</b> R- Programming <b>Statistics -(EC)</b> Measure Theory <b>Geology-</b> Remote Sensing & GIS <b>Pharm Sci-</b> Pharmaceutical Analysis-II <b>Geography-</b> Regional Geo. of India <b>App Geology-</b> Remote Sen-GIS; Geomorphology <b>Life Science-</b> Food Sci. & Food Microbiology <b>Env. Sci-</b> Air Pollution Quali. & Control <b>Medical Physics-</b> Anatomy, Physio. & Patho. <b>Bio-Tech-</b> Adv.in Microbial Biotech <b>Food Sci-</b> Food Sci. & Food Microbiology <b>Bio Info-</b> Java & Advance Java <b>AVCM-</b> Agritech.	<b>Cli Chng-</b> Future Climate Scenarios <b>Poly Sci-</b> Inorg. & Organometallic Poly. <b>Cancer Bio-</b> Basic Immunology <b>Computer-</b> Smart Dev. Compu. Using Android <b>Toxico-</b> Computational Tox. & Regulation <b>Horti-</b> Plant Protection <b>Geo Info-</b> Res. Methodology & Project Mgmt. <b>Material Science-</b> 410 <b>Cyber Security &amp; Forensics-</b> 410 (Cloud Secuirty) <b>Forensic Science-</b> 410 <b>Biotech (Integrated)-</b> 410 <b>Clinical Research-</b> 410 <b>Big Data Analytics-</b> 410 <b>Plant Tissue Culture-</b> 410 <b>Network Security-</b> 410 <b>Mob App-</b> Basic i-phone App. Development <b>AMS-</b> Mathematical Methods <b>Zoology-</b> Evolution & Radiation Biology <b>BIO-MEDI-</b> Hematology & Radiation Biology <b>Hum Gen-</b> Genetic Counselling & Radiation Biology. <b>WILDLIFE-</b> Evolution & Ecology

Day & Time	Time: 3-00 P.M. to 5-00 P.M.	
Monday, 13 <sup>th</sup> June, 2022	<b>P-411</b> <b>Computer</b> -Advance Computing Technology	<b>Poly Sci</b> - Latex & Foam Technology

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

By order,

**June 01, 2022**

*for* Controller of Examinations