

# NOTIFICATION OF THE GUJARAT UNIVERSITY

No. Exam. '4-A'/54496/ of 2019

## Programme of the M.Sc. Semester -IV Examination — March, 2019

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, INTO THE EXAMINATION HALL.

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

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

- |       |    |     |             |  |
|-------|----|-----|-------------|--|
| ( 1 ) | 01 | —   | Ahmedabad   | : (Places will be declared later on.)                                  |
| ( 2 ) | 23 | 049 | Kapadwanj   | : 49-Shah K.S. Arts & V.M. Parekh Com. College                         |
| ( 3 ) | 18 | 039 | Godhra      | : 39-Sheth P.T. Arts & Science College                                 |
| ( 4 ) | 31 | 011 | Nadiad      | : 011-C. B. Patel Arts College   |
| ( 5 ) | 70 | 220 | Pipalia     | : 220-SKUB Samiti (Dabhoi) Arts &<br>Smt. N.C. Zaveri Commerce College |
| ( 6 ) | 43 | —   | Gandhinagar | : (Places will be declared later on.)                                  |

The written examination will be conducted in the following order :

| <i>Day &amp; Date</i>            | <b>M.Sc. Semester - IV Time : 12-00 Noon To 02-30 p.m</b>   |
|----------------------------------|---|
| Tuesday,<br>19th March,<br>2019  | <p><b>507 - Physics</b> (Nuclear Physics-II, Adv. Quantum Mechanics- II)</p> <p><b>507CHEI - Chemistry (Inorganic)</b> (Adv.Inorganic Chemistry)</p> <p><b>507CHEO - Chemistry (Organic)</b> (Adv.Organic Chemistry)</p> <p><b>507CHEA - Chemistry (Analytical)</b> (Selected topics in Analytical Chemistry)</p> <p><b>507CHE(P) - Chemistry (Physical)</b> Advanced Physical Chemistry</p> <p><b>507 - Geology-Hydro Geology Surveing &amp; Exploreation Method</b></p> <p><b>507 - Mathematics-Functional Analysis - II(Old)/Differential Geometry(New)</b></p> <p><b>507 - Statistics</b> (Time Searies Analysis and Applications)</p> <p><b>507 - Environmental Science</b> (Environmental Biotechnology and leaner Bioprocess)</p> <p><b>507 - Environmental Science</b> (Dissertation/Project Work (New))</p> <p><b>507 - Bio-Technology (Integrated)</b> (Bioproc Technol &amp; Biochem Engg.)</p> <p><b>507 - Electronics Sciences</b> (Integrated Circuit Technology)</p> <p><b>507 - Polymer Science</b> (Polimer Testing)</p> <p><b>507 - HSGM</b> (Project based in selected topic in the field of Horticulture Science &amp; Garden Management)</p> |
| Wednesday<br>20th March,<br>2019 | <p><b>508 - Physics</b> (Numerical Techniques and 'C' Programming)</p> <p><b>508CHEI - Chemistry ((Inorganic)</b> (Selected topics in Inorganic Chemistry)</p> <p><b>508CHEO - Chemistry ((Organic)</b> (Adv.Organic Chemistry)</p> <p><b>508CHEA - Chemistry ((Analytical)</b> (Quantitative Optical Spectoscopic Methods)</p> <p><b>508CHE(P) - Chemistry (Physical)</b> Selected topics in Physical Chemistry</p> <p><b>508 - Geology-(Engineering Geology Marine Geology &amp; Mathematical Geology)</b></p> <p><b>508 - Mathematics-Fourier Analysis(Old) / Algebra - II(New)</b></p> <p><b>508 - Statistics</b> ( Econometrics)</p> <p><b>508 - Environmental Science</b> (Environmental Toxicology)</p> <p><b>508 - Environmental Science</b> (Assignment/Group Discussion)</p> <p><b>508 - Bio-Technology (Integrated)</b> (Environmental Biotechnology)</p> <p><b>508 - Electronics Sciences</b> (Control Systems-II &amp; Power and Industrial Electronics-II)</p> <p><b>508 - Polymer Science</b> (Speciality Polimer)</p>   |

**M.Sc. Sem -IV-[2]**

| <i>Day &amp; Date</i>           | <b>M.Sc. Semester - IV [Time : 12-00 Noon To 02-30 p.m]</b>   |
|---------------------------------|---|
| Friday<br>22nd March,<br>2019   | <b>509 - Physics</b> (Microprocessor-II and Microwaves)<br><b>509CHEI - Chemistry ((Inorganic)</b> (Adv.Industrial Inorganic Chemistry)<br><b>509CHEO - Chemistry ((Organic)</b> (Bioorganic Chemistry)<br><b>509CHEA - Chemistry ((Analytical)</b> (Adv.Analytical Instrumentation)<br><b>509CHE(P) - Chemistry (Physical)</b> Polymer Chemistry-II<br><b>509 - Geology-Sedimentary Petrology</b><br><b>509EA - Mathematics</b> -Mathematical Methods(Old)/Number Theory (New)<br><b>509EB - Mathematics</b> -Problem Solving -II(Old) / Project(New)<br><b>509 - Statistics</b> (Industrial Statistics)<br><b>509 - Environmental Science</b> (Environmental Laws, Acts, Rules and Regulations)<br><b>509CA - Bio-Technology (Integrated)</b> (Immunology)<br><b>509CB - Bio-Technology (Integrated)</b> (Biotech in Health)<br><b>509 - Electronics Sciences</b> (Fiber optics and its Applications)<br><b>509 - Polymer Science</b> (Biodegradable Polimer) |
| Saturday<br>23rd March,<br>2019 | <b>510 - Physics</b> (Electronics Communication - II)<br><b>510CHE(I) - Chemistry Enviourmental Chemistry</b><br><b>510CHE(O) - Chemistry</b> (Selected Topics in Medicinal Chemisdtry)<br><b>510ECH(A) - Chemistry</b> (Environmental Chemistry)<br><b>510CHE(P) - Chemistry (Physical)</b> Catalysis-II<br><b>510 - Geology- Mining Geology,Enviourmental Geology &amp; Fule Geology</b><br><b>510EA-Mathematics</b> -Quantitative Techniques<br><b>510EB-Mathematics</b> -Functional Analysis - II<br><b>510A - Statistics</b> (Biostatistics)<br><b>510B - Statistics</b> (Acturial Statistics)<br><b>510C - Statistics</b> (Computer.Oriented.StatisticsMethods)<br><b>510D - Statistics</b> (Environmental Statistics)<br><b>510 - Enviornmental Science</b> (Agriculture and the Environmental)<br><b>510 - Electronics Sciences</b> (Electronic Communication- II)  |
| Monday<br>25th March,<br>2019   | <b>511EA Mathematics</b> (Differential Geometry-II) (Old)<br><b>511PR Mathematics</b> (Differential Geometry & Algebra - II) (New)<br><b>511EB Mathematics</b> (Insurance Models) (Old)<br><b>511PR Mathematics</b> Practical - II (Mathematical Models) (New)  |

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.