# VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT



### NOTIFICATION OF THE VEER NARMAD SOUTH GUJARAT UNIVERSITY No. EXAM. /12242/OF 2015

#### PROGRAMME OF THE THIRD YEAR B. SC. (SIX SEMESTER) (A.T.K.T.) EXAMINATION, DECEMBER-2015

Candidates are requested to be present at his / her respective Centre of Examination fifteen minutes before the time appointed for the first Paper and then ten minutes before the time for starting of subsequent each paper.

The Student should read all the rules and regulation for taking Examination before entering in Examination hall.

They are forbidden to take any Book, Paper, Programmable Calculator and any Electronic gadget or Mobile Phone into Examination hall.

The Written Examination will be conducted in the following order:

| DATE       | TIME : 09:45 To 11:45   |                             |  |  |
|------------|---|-----------------------------|--|--|
| 08-12-2015 | Language Through Literature<br>Written and Spoken Communication | OR<br>on                    |  |  |
|            | Physics Paper – VI  | OR                          |  |  |
| 09-12-2015 | Chemistry Paper – VI  | OR                          |  |  |
|            | Microbiology Paper – XVII                                       | OR                          |  |  |
|            | 601: Botany Paper – VI  | OR                          |  |  |
|            | <b>601:</b> Bio-Science Paper – VI                              | OR                          |  |  |
|            | Zoology Paper – I   | OR                          |  |  |
|            | Mathematics Paper – VI TIME                                     | ( <u>09:45 To 12:45)</u> OR |  |  |
|            | 601: Statistics Paper – VI                                      | OR                          |  |  |
|            | Electronics Paper – VI  | OR                          |  |  |
|            | <b>601:</b> Computer Science Paper – VI                         | OR                          |  |  |
|            | Medical Technology – XVII                                       | OR                          |  |  |
|            | C1C1: Pharmaceutical Biotechnolog                               | JY                          |  |  |
|            | Physics Paper – VII   | OR                          |  |  |
| 10-12-2015 | Chemistry Paper – VII   | OR                          |  |  |
|            | Microbiology Paper – XVIII                                      | OR                          |  |  |
|            | <b>602</b> Botany Paper – VII                                   | OR                          |  |  |
|            | 602 Bio-Science Paper – VII                                     | OR                          |  |  |
|            | Zoology Paper – II  | OR                          |  |  |
|            | Mathematics Paper – VII TIME (09:45 To 12:45) OR                |                             |  |  |
|            | 602 Statistics Paper – VII                                      | OR                          |  |  |
|            | Electronics Paper – VII   | OR                          |  |  |
|            | 602: Computer Science Paper – VII                               | OR                          |  |  |
|            | Medical Technology – XVIII                                      | OR                          |  |  |
|            | C1C2: Immunotechnology  |                             |  |  |

| DATE       | TIME : 09:4                        | I5 To 11:45            |
|------------|------------------------------------|------------------------|
|            | Physics Paper – VIII               | OR                     |
| 11-12-2015 | Chemistry Paper – VIII             | OR                     |
|            | Microbiology Paper – XVIV          | OR                     |
|            | <b>603:</b> Botany Paper – VIII    | OR                     |
|            | 603: Bio-Science Paper – VIII      | OR                     |
|            | Zoology Paper – III                | OR                     |
|            | Mathematics Paper – VIII TIME (09: | <u>45 To 12:45)</u> OR |
|            | 603: Statistics Paper – VIII       | OR                     |
|            | Electronics Paper – VIII           | OR                     |
|            | 603: Computer Science Paper – VIII | OR                     |
|            | Medical Technology – XVIV          | OR                     |
|            | C1C3: Microbial Biotechnology      |                        |
|            | Physics Paper – IX                 | OR                     |
| 12-12-2015 | Chemistry Paper – IX               | OR                     |
|            | Microbiology Paper – XX            | OR                     |
|            | <b>611:</b> Botany Paper – IX      | OR                     |
|            | <b>611:</b> Bio-Science Paper – IX | OR                     |
|            | Zoology Paper – IV                 | OR                     |
|            | Mathematics Paper – IX TIME (09:4  | <u>15 To 12:45)</u> OR |
|            | 611: Statistics Paper – IX         | OR                     |
|            | Electronics Paper – IX             | OR                     |
|            | 611: Computer Science Paper – IX   | OR                     |
|            | Medical Technology – XX            | OR                     |
|            | C1C4: Environmental Biotechnology  |                        |
|            | Physics Paper – X                  | OR                     |
| 14-12-2015 | Chemistry Paper – X                | OR                     |
|            | Microbiology Paper – XXI           | OR                     |
|            | <b>605:</b> Botany Paper – X       | OR                     |
|            | <b>605:</b> Bio-Science Paper –X   | OR                     |
|            | Zoology Paper – V                  | OR                     |
|            | Mathematics Paper – X              | <u>5 To 12:45)</u> OR  |
|            | <b>605:</b> Statistics Paper – X   | OR                     |
|            | Electronics Paper – X              | OR                     |
|            | 605: Computer Science Paper – X    | OR                     |
|            | Medical Technology – XXI           | OR                     |
|            | C1C5: Plant Biotechnology          |                        |

| DATE       | 3<br>TIME : 09:45 To 11:45                             |                 |  |  |  |  |
|------------|--|-----------------|--|--|--|--|
| 15-12-2015 | Physics Paper – XI                                     | OR              |  |  |  |  |
| 15 12 2015 | Chemistry Paper – XI                                   | OR              |  |  |  |  |
|            | Microbiology Paper – XXII                              | OR              |  |  |  |  |
|            | <b>606:</b> Botany Paper – XI                          | OR              |  |  |  |  |
|            | <b>606:</b> Bio-Science Paper –XI                      | OR              |  |  |  |  |
|            | Zoology Paper – VI                                     | OR              |  |  |  |  |
|            | Mathematics Paper – XI <u>TIME (09:45 To 12:45)</u> OR |                 |  |  |  |  |
|            | <b>606:</b> Statistics Paper – XI                      | OR              |  |  |  |  |
|            | Electronics Paper – XI                                 | OR              |  |  |  |  |
|            | <b>606:</b> Computer Science Paper – XI                | OR              |  |  |  |  |
|            |  | OR              |  |  |  |  |
|            | Medical Technology – XXII                              | UR              |  |  |  |  |
|            | C1C6: Animal Biotechnology                             |                 |  |  |  |  |
|            | TIME : 09:45 To 11:4                                   | 15              |  |  |  |  |
|            | Petrochemicals   | OR              |  |  |  |  |
| 16-12-2015 | Dyes   | OR              |  |  |  |  |
|            | Drugs  | OR              |  |  |  |  |
|            | Polymer Chemistry                                      | OR              |  |  |  |  |
|            | Agor-Chemistry   | OR              |  |  |  |  |
|            | Advances in Green Chemistry                            | OR              |  |  |  |  |
|            | Materials Science                                      | OR              |  |  |  |  |
|            | Electronics  | OR              |  |  |  |  |
|            | Advances in Nanotechnology                             | OR              |  |  |  |  |
|            | Astro-Physics  | OR              |  |  |  |  |
|            | Programming for Physicists and                         | OR              |  |  |  |  |
|            | Mathematicians   | OR              |  |  |  |  |
|            | Fisheries  | OR              |  |  |  |  |
|            | Applied Zoology  | OR              |  |  |  |  |
|            | Advances in Genetics                                   | OR              |  |  |  |  |
|            | Computer Application for Statisticia                   | ans <b>OR</b>   |  |  |  |  |
|            | Mathematical Methods of Physics                        | OR              |  |  |  |  |
|            | Number Theory  | OR              |  |  |  |  |
|            | Mechanics-I  | OR              |  |  |  |  |
|            | Mechanics -II  | OR              |  |  |  |  |
|            | Computer Oriented Numerical Ana                        | lysis <b>OR</b> |  |  |  |  |
|            | Operation Research-II                                  | OR              |  |  |  |  |
|            | Operation Research-II (FOR STATIST                     | -               |  |  |  |  |
|            | Game Theory  | OR              |  |  |  |  |
|            | Floriculture   | OR              |  |  |  |  |
|            | Horticulture   | OR              |  |  |  |  |
|            | Gardening  | OR              |  |  |  |  |
|            | Plant Bio-technology                                   | OR              |  |  |  |  |
|            | Engineering Graphics                                   | OR              |  |  |  |  |

| DATE       | TIME : 09:45 To 11:45   |                               |  |  |  |  |
|------------|---|-------------------------------|--|--|--|--|
| 16-12-2015 | Computer Networking   | OR                            |  |  |  |  |
|            | Integrated Circuits Technology  | OR                            |  |  |  |  |
|            | Industrial Management   | OR                            |  |  |  |  |
|            | Python Programming  | OR                            |  |  |  |  |
|            | Engineering Physics   | OR                            |  |  |  |  |
|            | Bio-Physics   | OR                            |  |  |  |  |
|            | Environmental Physics   | OR                            |  |  |  |  |
|            | Atmospheric Physics   | OR                            |  |  |  |  |
|            | Physics of Finance (Econo-Physics)                                    | OR                            |  |  |  |  |
|            | Plasma Physics  | OR                            |  |  |  |  |
|            | LASER Physics   | OR                            |  |  |  |  |
|            | Chemical Physics  | OR                            |  |  |  |  |
|            | Agriculture Biotechnology   | OR                            |  |  |  |  |
|            | Animal Biotechnology  | OR                            |  |  |  |  |
|            | Acquatic Biotechnology  | OR                            |  |  |  |  |
|            | Health science  | OR                            |  |  |  |  |
|            | Food Technology   | OR                            |  |  |  |  |
|            | Organization Structure & Behavior                                     | OR                            |  |  |  |  |
|            | Computer Oriented Numerical method-I                                  | OR                            |  |  |  |  |
|            | Computer Oriented Numerical method-II                                 | OR                            |  |  |  |  |
|            | Fourier Series  | OR                            |  |  |  |  |
|            | Fourier Transform and its Applications                                | OR                            |  |  |  |  |
|            | Advances Networking and Cyber Security                                | OR                            |  |  |  |  |
|            | Oop Programming   | OR                            |  |  |  |  |
|            | Consumer Electronics  | OR                            |  |  |  |  |
|            | Advance Microprocessor  | OR                            |  |  |  |  |
|            | Introduction To Biostatistics   |                               |  |  |  |  |
|            | Advances in Biostatistics   | OR                            |  |  |  |  |
|            | Introduction to Nanobiotechnology<br>Nanobiotechnology & Human health | OR                            |  |  |  |  |
|            | Instrumentation and techniques  | OR                            |  |  |  |  |
|            | Quality management in laboratory                                      | OR                            |  |  |  |  |
|            | Microbiology Laboratory Hazards and precautions                       | OR                            |  |  |  |  |
|            | Bio Safety  | OR                            |  |  |  |  |
|            | Simulation Using MATLAB   | OR                            |  |  |  |  |
|            | Open Source Tools   | OR                            |  |  |  |  |
|            | System Software   | OR                            |  |  |  |  |
|            | Introduction to Datawarehousing & Datamining                          | OR<br>FOR COMPUTER SCIENCE OR |  |  |  |  |
|            | Software Quality Assurance  | TIME 09:45 TO 12:45           |  |  |  |  |
|            | Organization Structure & Behaviof                                     | OR                            |  |  |  |  |
|            | Numerical Analysis  | OR                            |  |  |  |  |
|            | Economics Statistics  | OR                            |  |  |  |  |
|            | Blood Banking-II  |                               |  |  |  |  |

- 1. The use of Pencil is allowed in Mathematics at the Examination.
- 2. Candidates at the First Year B. Sc. will be Examined in Practical at centre where they have appeared for theory Examination.
- 3. The Practical Examinations in the subject concerned will take place before or after the conclusion of the Written Examination, Due notice will be given by the University about the Dates, Time & Place of Practical Examination and order in which candidates have to present at the Time, Date & Place fixed for their Practical Examination. Those who fail to present themselves at the fixed Time, Date & Place will not be examined in practical afterwards in any case of which serious note has to be taken by the concerned.
- 4. The use of non-programmable Calculator is permitted.

## The Center for B. Sc. (First Semester) Examination will be as under. :

| Bardoli (P. J. Sci.)      | 8.   | Navsari (Naranlala)   | 15.  | Valod (Gov. Sci.)  |  |  |
|---------------------------|--|---|--|--|--|--|
| Bharuch (J. P. Sci.)      | 9.   | Rajpipla (M. R. Science)  | 16.  | Vapi (K. B. S.)  |  |  |
| Bilimora (V. S. Patel)    | 10.  | Rander (Navyug Sci.)  | 17.  | Zadeshwar (Narmada Sci.)   |  |  |
| Chikhli (Gov. Sci. Coll.) | 11.  | Surat (P. T. Sci.)  | 18   | Vankal (Gov. Sci. Coll.)   |  |  |
| Daman                     | 12.  | Surat (S. R. I. C. A.)  | 19   | Ahwa (Gov. Sci. Coll.)   |  |  |
| Kholwad                   | 13.  | Valsad (B. K. M.)   | 20   | Dept of Biotechnology  |  |  |
|                           |  |   |  | (VNSGU Surat)  |  |  |
| Navsari (B. P. Baria)     | 14.  | Valsad (Dolat-Usha)   | 21   | Bhagwan Mahavir  |  |  |
|                           | Bharuch (J. P. Sci.)<br>Bilimora (V. S. Patel)<br>Chikhli (Gov. Sci. Coll.)<br>Daman | Bharuch (J. P. Sci.)9.Bilimora (V. S. Patel)10.Chikhli (Gov. Sci. Coll.)11.Daman12.Kholwad13. | Bharuch (J. P. Sci.)9.Rajpipla (M. R. Science)Bilimora (V. S. Patel)10.Rander (Navyug Sci.)Chikhli (Gov. Sci. Coll.)11.Surat (P. T. Sci.)Daman12.Surat (S. R. I. C. A.)Kholwad13.Valsad (B. K. M.) | Bharuch (J. P. Sci.)9.Rajpipla (M. R. Science)16.Bilimora (V. S. Patel)10.Rander (Navyug Sci.)17.Chikhli (Gov. Sci. Coll.)11.Surat (P. T. Sci.)18Daman12.Surat (S. R. I. C. A.)19Kholwad13.Valsad (B. K. M.)20 |  |  |

SURAT. DATE : 30/09/2015

#### A. V. DHADUK CONTROLLER OF EXAMINATIONS