

GUJARAT TECHNOLOGICAL UNIVERSITY
M. Pharm. – SEMESTER – II • EXAMINATION – SUMMER 2013

Subject Code: 2920001**Date: 21-05-2013****Subject Name: Research Methodology****Time: 02.30 pm - 05.30 pm****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Explain the term 'research'. Discuss different types of research. **8**
(b) What is literature survey? Describe its sources in research. **8**
- Q.2** (a) Which are tools in research? Describe the key point in questionnaire design. **8**
(b) Describe how the research proposal for funding is prepared? **8**
- Q.3** (a) Which are the limitations and sources of errors in research? **8**
(b) Describe documentation required in research. **8**
- Q.4** (a) Describe techniques used in documentation. **8**
(b) Enlist different sections of research paper. Discuss introduction and conclusion. **8**
- Q.5** (a) Describe format of research report. What does its main body comprise of? **8**
(b) Discuss the important factors for successful oral presentation. **8**
- Q.6** (a) Enlist funding agencies for research grant. Describe AICTE schemes for funding. **8**
(b) Describe the cost analysis for research project. **8**
- Q.7** (a) What is IIPC? Describe the steps to establish IIPC. **8**
(b) Describe the ANOVA for data analysis in research. **8**
