

GUJARAT TECHNOLOGICAL UNIVERSITY
M. Pharm - SEMESTER- II • EXAMINATION – WINTER-2016

Subject Code: 2920001**Date: 28/11/2016****Subject Name: Research Methodology****Time: 10.30 am -01.30 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) Describe the importance of Industry Institute Interaction Cell. Explain the activities of IIC. **06**
(b) Discuss in brief about various sources of literature review. **05**
(c) Write a short note on questionnaire. **05**
- Q.2** (a) What are the different sections of research paper? Explain about Abstract and Introduction. **06**
(b) Describe various techniques of documentation. **05**
(c) Describe the use of books and journals in literature survey. **05**
- Q.3** (a) What are online databases? Describe three online databases useful in pharmaceutical research. **06**
(b) What is Audio visual aid? Explain importance of AV aids in a presentation. **05**
(c) Explain in brief about importance of presentation skills in oral presentation. **05**
- Q.4** (a) **06**
(b) Prepare a draft for MODROB proposal for sophisticated instrumental lab to be submitted to AICTE for funding. **05**
(c) Describe the cost analysis for research project. **05**
- Q.5** (a) Describe AICTE schemes for research funding. **06**
(b) Write a note on limitations and sources of error in research. **05**
(c) What is IIPC? Describe the steps to establish IIPC. **05**
- Q. 6** (a) Define Research Problem and explain criteria for selection of good research problem. **06**
(b) Explain importance and methods of “References” in thesis writing. **05**
(c) Describe different types of Research. **05**
- Q.7** (a) Define ‘Research’ and write a detail note on objective of research. **06**
(b) Enlist funding agencies for research grant. Explain in brief. **05**
(c) Enlist different parts of the thesis and explain Rationale, objective and Abstract. **05**
