

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C. U. SHAH UNIVERSITY

## Summer Examination-2017

**Subject Name:** Research Methodology

**Subject Code:** 5PS02RMD2

**Branch:** M.Pharm (Pharmaceutics,QA)

**Semester:** 2

**Date:** 04/05/2017

**Time:** 02:00 To 05:00

**Marks:** 70

### Instructions:

- (1) Use of Programmable calculator and any other electronic instrument is prohibited.
  - (2) Instructions written on main answer book are strictly to be obeyed.
  - (3) Draw neat diagrams and figures (if necessary) at right places.
  - (4) Assume suitable data if needed.
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### SECTION – I

- Q-1**            **Define the following terms:** **(07)**
- a. Hypothesis
  - b. Errata
  - c. Acknowledgement
  - d. Footnote
  - e. Copyright
  - f. Errors
  - g. Questionnaire
- Q-2**            **Attempt all questions** **(14)**
1. Define 'Research' and write a detail note on objective of research. **(7)**
  2. Explain importance and methods of "References" in thesis writing **(7)**

**OR**

- Q-2**            **Attempt all questions**
1. Explain the activities of Industry Institute Interaction Cell **(7)**
  2. Discuss in brief about various sources of literature review **(7)**
- Q-3**            **Attempt all questions** **(14)**
1. What are the different sections of research paper? Explain about Results and Conclusion. **(7)**
  2. Explain general tips for success in research project grant proposal. **(7)**

**OR**

- Q-3**            1. Enlist funding agencies for research grant. Explain in brief **(7)**
2. Give importance of cost analysis for research project. Explain cost of procedure **(7)**



and instrument

## SECTION – II

**Q-4 Define the following terms: (07)**

- a. Plagiarism
- b. Bibliography
- c. Eye Contact
- d. Facial Expressions
- e. Qualitative studies
- f. ICH
- g. Clinical trials

**Q-5 Attempt all questions (14)**

1. What are online databases? Describe three online databases useful in pharmaceutical research. (7)
2. Describe importance of Data analysis in research (7)

**OR**

- Q-5**
1. Discuss importance of computer in documentation of research work. (7)
  2. Describe various techniques of documentation. (7)

**Q-6 Attempt all questions (14)**

1. Describe significance of patent search in research. (7)
2. Write a note on principles on ethical consideration involving human participation. (7)

**OR**

**Q-6 Attempt all Questions**

1. Describe the art of preparing a good poster presentation. (7)
2. Write a note on Ethical principles related to animal experiments. (7)

