

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: Research Methodology

Subject Code: 5TE02RSM1

Branch: M.Tech. (All)

Semester: 2

Date: 16/04/2019

Time: 02:30 To 05:30

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 Answer in one or two sentences each: (07)

- a) Give any one definitions of the term ‘Research’. **01**
- b) What do you mean by Empirical research? **01**
- c) Explain the terms: **03**
 - i) Qualitative Research
 - ii) Copy right Notice
 - iii) Abstract
- d) What is hypothesis? How any types of hypothesis are there? Name them. **02**

Q-2 What is research design? Write a detailed note on research design. (14)

OR

Q-2 “Research is much concerned with proper fact finding, analysis and evaluation.” – (14)
Elucidate.

Q-3 Write short notes on: (14)

- i) Methods of data collection & Analysis
- ii) Types of Research

OR

Q-3 What is Literature Review? State the steps of LR and discuss the importance of LR in (14)
research.



SECTION – II

Q-4 **Answer in one or two sentences each:** **(07)**

Explain the terms:

- i) Footnotes
- ii) List of illustration
- iii) Glossary
- iv) Bibliography
- v) Acknowledgements
- vi) Sampling
- vii) Synopsis

Q-5 “The more you know about the library and the materials and services it provides, the more successful you will be in gathering information and ideas for your research”. **(14)**
Elaborate the statement in your words.

OR

Q-5 What is research paper? Enlist the components of research paper. Explain the references style in research paper. **(14)**

Q-6 **(A)** Write a brief note on plagiarism alert in research. **(07)**
(B) Write a brief note on Sampling and types of sampling **(07)**

OR

Q-6 **(A)** What do you mean by presentation? Explain in detail the importance of presentation in research findings. **(07)**

(B) Differentiate between: **(07)**
i) References and Bibliography
ii) Abstract and Summary

