

M. Tech. –IV (Computer Engineering) (CBCS – 2015 Course) :
SUMMER - 2019
SUBJECT: SELF-STUDY PAPER-II RESEARCH METHODS
IN COMPUTER SCIENCE

Day: Thursday
Date: 13/06/2019

S-2019-3466

Time: 11.00 AM TO 02.00 PM
Max. Marks: 60

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks. .
- 3) Neat diagrams must be drawn **WHEREVER** necessary.
- 4) Use of non programmable electronic pocket **CALCULATOR** is allowed.
- 4) Assume suitable data if necessary.

SECTION-I

- Q.1** What is the significance of Research? Discuss the term methods versus methodology in detail. **(10)**

OR

Explain in detail the Research and Scientific method? Also explain Research approaches.

- Q.2** Discuss the important concepts relating to Research design in detail. **(10)**

OR

What is the need of Research design? Discuss in detail the features of good design.

- Q.3** What is the significance of Report writing? Discuss the different steps in writing Report. **(10)**

OR

Explain various mechanics of writing a research paper. Also explain precautions for writing Research reports.

SECTION-II

- Q.4** How to build expertise in the area of Interest? Explain. **(10)**

OR

What are the strategies for Quality Research? Explain with suitable example.

- Q.5** What are the techniques in statistical data analysis? Explain any two. **(10)**

OR

What is the purpose of chart and graph? Explain various features of chart in statistical data analysis.

- Q.6** Describe the various functionality and features of presentation tool (any one). **(10)**

OR

What is search engine and Elaborate any two search techniques in detail.

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