

M.Sc.- I (Computer Science) (NEP Pattern) Semester-I
NEP-25 - Paper-V - Research Methodology & Publication Ethics

P. Pages : 2

Time : Three Hours



GUG/S/25/15086

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answer and write specific answer related to questions.

Either:

1. a) Define Research explain the significance and scope of research. 8
- b) Explain the concept of formulation of Research Proposal in detail. 8

OR

- c) Write a note on Testing of Hypothesis. 8
- d) Explain the criteria of Good Research using suitable example. 8

Either:

2. a) What is Research Design? Explain the characteristics of good research Design. 8
- b) Define sampling? Explain the different methods to collect the sample for sampling in primary sample explain using example. 8

OR

- c) Explain the following- 8
 - i) Interviews
 - ii) Brainstorming
- d) Explain the statistical tools and techniques of data analysis in brief. 8

Either:

3. a) Explain in the main body and reference section of report in detail. 8
- b) Explain the following- 8
 - i) Preliminary part of report
 - ii) Conclusion of report

OR

c) Explain in detail the evaluation of Research Report. 8

d) Explain various steps involved in writing a research paper in detail. 8

Either:

4. a) Define philosophy explain the nature of philosophy in Research. 8

b) Explain moral philosophy and explain various fundamental approach to ethical. 8

OR

c) What is publication ethics? Explain the importance of publication ethics. 8

d) Define WAME explain the publication misconduct, and identification of publication misconduct in brief. 8

5. Solve all the question.

a) What are the objective of Research? 4

b) Explain the use of advanced technology in Research Design in brief. 4

c) Write a short note on contents of Report Writing. 4

d) Explain the plagiarism in detail. 4
