

M.Sc.- I (Computer Science) (NEP Pattern) Semester-I
NEP-25 / 01MSCCS05 - Paper-V : Research Methodology and Publication Ethics

P. Pages : 2

Time : Three Hours



GUG/W/23/15086

Max. Marks : 80

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

Either:

1. a) What is Research? Explain types of Research. 8
b) Enlist the research questions. 8

OR

- c) Explain in detail Null Hypothesis. 8
d) Describe the scope of research. 8

Either:

2. a) Define sampling? Describe sampling design in detail. 8
b) What is primary data? Explain with example. 8

OR

- c) How secondary data is collected? Explain with example. 8
d) Explain analysis of quantitative data in detail. 8

Either:

3. a) Enlist the guidelines for report writing. 8
b) How preliminary part of report is presented? Explain with example. 8

OR

- c) How Reference section of the report is propended? Explain with example. 8
d) Describe evaluation of research report. 8

Either:

4. a) Explain scope of philosophy. **8**
b) Describe research integrity in detail. **8**

OR

- c) What is Best practices? Explain with example. **8**
d) Explain predatory publishers & journals. **8**
5. Attempt all questions.
- a) Write a note on significances of research. **4**
b) Explain validity & Reliability. **4**
c) What is style manual? Explain it. **4**
d) Explain falsification in shortly. **4**
