

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:

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

OR

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| | 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 |
