

M.Sc.(Mathematics) (NEP Pattern) Semester-I
NEP-65 / RM - Paper-IV : Research Methodology

P. Pages : 1

Time : Three Hours



GUG/W/23/15124

Max. Marks : 80

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- Notes : 1. Solve all **five** questions.
2. All questions carry equal marks.

1. a) What is Research? 8
b) What is Research Methodology and Research Methods. 8

OR

- c) What is Philosophy and science? 8
d) Write in brief about Historical Research. 8
2. a) Explain the difference between Research Proposal and Research protocol. 8
b) What is Library? Explain any one library. 8

OR

- c) What is a Database. 8
d) Explain "Importance of the Literature Review". 8
3. a) Define Research paper. 8
b) What is structure of a Thesis. 8

OR

- c) Discuss Bar Diagrams and its types. 8
d) Write a note on Conference and Seminar. 8
4. a) Explain in detail Intellectual Property Rights. 8
b) Discuss Fraud and Misconduct in Science. 8

OR

- c) Write a note on Paraphrasing. 8
d) What is Plagiarism? Write in detail types of Plagiarism? 8
5. a) Write short note on Pseudoscience. 4
b) What is sampling? 4
c) Explain Grey Literature. 4
d) Write briefly about Shodhganga. 4
