

M.C.A.(Sem-V)

April-2023

(3 Hours)

[Total Marks: 80]

N.B.: (1) Question No. 1 is Compulsory.

(2) Attempt any three out remaining five questions.

(3) Each Question carries 20 marks.

- Q1) Attempt **any four** questions. [20M]
- a) What are objectives of research? [5M]
  - b) Distinguish between Qualitative Research and Quantitative Research? [5M]
  - c) What are stages in sample design? [5M]
  - d) What are Criteria of Good Research? [5M]
  - e) Explain the analysis of data? [5M]
- Q2) a) Explain Research Methods Vs Methodology? [10M]
- b) Explain different method of data collection? [10M]
- Q3) Solve **any two** questions
- a) Explain Types of Research in detail? [10M]
  - b) What is the Mechanics of Writing a Research Report [10M]
  - c) What are ethical issues in research report? [10M]
- Q4) a) Explain Sampling Methods / Techniques in detail? [10M]
- b) Explain the layout of report writing? [10M]
- Q5) a) What are stages in scientific research process? [10M]
- b) Explain the Types of Research Report in detail? [10M]
- Q6) a) Write a short note on "Data Collection" [10M]
- b) Write a short note on "Report Writing" [10M]
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