

Time :2 Hours

[Total Marks: 50]

- N.B:**
- (1) **All questions are compulsory.**
 - (2) Figures to the **right** indicate full marks.
 - (3) **Assume additional data if necessary** but state the same clearly.
 - (4) Symbols have their usual meanings and tables have their usual standard design unless stated otherwise.

- Q.1** Attempt **any two** of the following (10)
- a) Define Research. State and explain the characteristics of research.
 - b) Discuss the key components of a Literature Review.
 - c) Write a short note on Grounded Theory Research.
 - d) Differentiate between Experimental and Non-Experimental Research.

- Q.2** Attempt **any two** of the following (10)
- a) Explain the following:
 - i) Research variables
 - ii) Hypotheses
 - b) Write a short note on Ethnography.
 - c) What is Secondary Data Analysis? Explain in brief.
 - d) Discuss in brief the Data Collection Development Plan.

- Q.3** Attempt **any two** of the following (10)
- a) What is Data Analysis? Explain the importance of Data Analysis in Research.
 - b) Write a short note on Exploratory Data Analysis (EDA).
 - c) Explain how to interpret research findings.
 - d) Discuss the steps involved in Data Analysis.

- Q.4** Attempt **any two** of the following (10)
- a) Write a short note on ethics in research and responsible conduct.
 - b) Explain how Slide Design can help in preparing effective research presentations.
 - c) Explain the different types of Peer Review.
 - d) State and explain the various citation styles.

- Q.5** Attempt **any two** of the following (10)
- a) State the guidelines for formulating Research Questions.
 - b) Differentiate between Primary and Secondary data for research.
 - c) Discuss the key challenges in Data Analysis.
 - d) Write a short note the structure of a research paper
