

Extra,

(3 hours)

[Total Marks-80]

- N.B. 1) Attempt any four questions out of six questions
2) Assume any additional data if necessary and state it clearly
3) Explain answers with neat sketches wherever necessary

1. a) Write objectives of Research. Differentiate among Assumption, Postulate, Thesis and Hypothesis. [10]
b) What is the research methodology? Explain the steps in scientific research process. Briefly explain about literature review. [10]
2. a) What is research problem? Explain the steps in formulating research problem. Explain the sources of developing hypothesis. [10]
b) Explain in detail Analytical and Empirical research [10]
3. a) Explain Quantitative vs. Qualitative type of research. Explain Post Facto research and Motivation in research. [10]
b) What is Sampling? Analyze multi-stage and sequential sampling. [10]
4. a) Explain critically interpretation and Organization of the data. [10]
b) What is ethics in Research? Why is it important? Explain Validity testing. [10]
5. a) What are the characteristics of research? What are the factors affecting research design? [10]
b) Define Hypothesis. Explain different type of hypothesis. Explain the role of hypothesis. [10]
6. a) What do you mean by research report? What is the importance of research report? Explain the characteristics of research report. [10]
b) What are the differences between observation and interviewing as methods of data collection? Explain with two specific examples of situations where either observation or interviewing would be more appropriate. [10]
