

Paper I — RESEARCH METHODS AND
QUANTITATIVE TECHNIQUES
(Held in April 2010)

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. What is logic? Explain its role in research.
2. Describe the different types of sampling techniques.
3. Discuss the relevance of statistics in research with suitable examples.
4. Emphasise the relevance of observation method in library science research.
5. Explain the techniques of report writing.
6. Explain the criteria you would adopt in the evaluation of research report.
7. Write in detail about the identification and formulation of a research problem.

8. Describe questionnaire method of data collection as the prime method in social science research.
 9. Write short note on any THREE of the following :
 - (a) Null hypothesis
 - (b) Time series analysis
 - (c) Scientific method
 - (d) Pilot study
 - (e) Research design.
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