# M.L.I.Sc. Degree Examination, June/July 2010 LIBRARY AND INFORMATION SCIENCE Paper - VI : Research Methods in LIS 

Time : 3 Hours
Max. Marks : 80
I. Answer any four of the following:
$(4 \times 10=40)$

1) What is Research ? Discuss various types of Research.
2) Explain in detail the components of research design.
3) Examine the advantages and disadvantages of questionnaire method as a method as a method of data collection.
4) Discuss the latest trends in Library and Information Science Research in India.
5) Explain the role of statistical methods in the interpretation of collected data.
6) Define sampling and discuss different types of sampling techniques.
II. Write short notes on any four of the following ;
7) Social scientific research
8) Observation method
9) Characteristics of research.
10) Hypothesis
11) Significance of report writing in research
12) Scientometrics

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III. Write brief answers to the following :
13) What is research problem?
14) What is pilot study?
15) What do you mean by quantitative techniques ?
16) What is informatics ?
17) What is interview schedule?
18) Name any two criteria for evaluation of research report.
19) State any two statistical package for statistical analysis.
20) What do you mean by experimental research ?
21) What is a variable ?
22) Write any two style manuals.

