

9557/MS1

OCTOBER 2010

Paper I — RESEARCH METHODS AND
QUANTITATIVE TECHNIQUES

Time : Three hours

Maximum : 80 marks

Answer any FOUR of the following.

All questions carry equal marks.

(4 × 20 = 80)

1. Define Research. Classify and explain the various types of Research.
2. Explain the spiral of scientific methods.
3. What are the criteria for the selection of a research problem?
4. "Bibliography is a tool for Research" Explain.
5. What is questionnaire? Explain in validity as a tool for gathering data.
6. Explain the different types of probability sampling with suitable examples.
7. Explain the format of a research report.

8. Write a short note on any THREE of the following :

- (a) Socio metry
 - (b) Scientific method
 - (c) Null-hypothesis
 - (d) Time-series Analysis
 - (e) Content analysis.
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9558/MS2

OCTOBER 2010

Paper II — LIBRARY INFORMATION PROCESSING
AND RETRIEVAL TECHNIQUES

Time : Three hours

Maximum : 80 marks

Answer any FOUR questions.

All questions carry equal marks.

1. Explain the different records of ISO-2709.
2. Describe the structure and functions of POPSI.
3. Trace the history and development of DDC.
4. What are indexing languages? Write about chain indexing?
5. Define depth classification. How do you construct a micro classification for a subject like biotechnology?
6. Discuss the outcome of any two evaluative studies on IRS.
7. Explain in detail the subject indexing languages.

8. Write short notes on any THREE :

- (a) Auxilliaris in UDC
 - (b) CCF
 - (c) Thesauruses
 - (d) MARC format
 - (e) Search strategy.
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