

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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Paper II — KNOWLEDGE MANAGEMENT IN
LIBRARIES
(Held in April 2010)

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. Define knowledge management. Discuss in detail the concept of knowledge management.
2. Describe the steps involved in design and development of knowledge management system.
3. Discuss the role of knowledge management in library and information centres.
4. Write an account on legal and ethical issues in knowledge management.
5. Write an essay on Data mining.
6. Explain in detail knowledge transfer and sharing.
7. Briefly discuss about knowledge capture.

8. Discuss the various tools for knowledge management.
 9. Write short notes on any THREE of the following :
 - (a) Knowledge creation
 - (b) Tacit knowledge
 - (c) Neural networks
 - (d) Copy right
 - (e) Knowledge mapping.
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Paper III — DIGITAL AND VIRTUAL LIBRARY
(Held in April 2010)

Time : Three hours

Maximum : 100 marks

Answer any FIVE of the following.

All questions carry equal marks.

1. Explain the general features of electronic library.
2. Highlight the features of Green stone.
3. Explain the criteria for evaluation of E-resources.
4. Explain characteristics of virtual library.
5. Describe the DC meta data and its applicability in web information world.
6. Discuss the various types of services in electronic libraries.
7. Discuss the main objectives of digital library.

8. Discuss the major digital information reference sources in science and technology.
 9. Write notes on the following :
 - (a) Dublin core.
 - (b) RDF.
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