

Paper I — RESEARCH METHODOLOGY AND  
QUANTITATIVE TECHNIQUES

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Time : Three hours

Maximum : 100 marks

Answer any FIVE of the following.

All questions carry equal marks.

1. What is research? Discuss the type and the nature of research in library science.
2. What is citation? Differentiate between bibliometric and scientometrics study.
3. What is sampling? Discuss various methods of sampling.
4. Describe any two methods of data collection.
5. Enumerate and discuss the steps-to-be followed in developing a research tool. How will you standardise it?
6. What are the different forms of Hypothesis? Illustrate.
7. Examine the various types of sampling techniques used in Library Science Research.

8. How will you design a user study in a public library?
  9. What is a Research Design? Elaborate.
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Paper II — KNOWLEDGE MANAGEMENT IN  
LIBRARIES

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Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. Explain the concepts of information, knowledge, intelligence, understanding and wisdom.
2. Discuss the legal and ethical issues in knowledge management.
3. Describe the role of Internet in e-commerce.
4. Discuss the process of knowledge creation.
5. Describe the general features of knowledge codification and organization.
6. Explain the tools and techniques of knowledge management.
7. Explain the steps in capturing tacit knowledge.
8. Explain different types of knowledge.

9. Write short notes on any TWO :
    - (a) Knowledge transfer and sharing.
    - (b) Tools for KM
    - (c) Knowledge mapping.
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Paper III — DIGITAL AND VIRTUAL LIBRARY

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Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. Explain the role of META DATA in digital library.
2. Discuss the major virtual library projects at world level.
3. Enumerate various metadata standards. Explain the features of Marc 31.
4. Trace the genesis and development of digital libraries.
5. Explain how you would evaluate the e-resources.
6. Discuss the process involved in digitizing materials.
7. Define the concept of on-line services and discuss the facts related to them.

8. Explain collection infrastructure of a digital library.
  9. Write notes on the following :
    - (a) On-line documentation
    - (b) Cyber law and virtual libraries.
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