

RESEARCH METHODS AND QUANTITATIVE  
TECHNIQUES

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(For those who joined in July 2004 or earlier)

Time : Three hours

Maximum : 80 marks

Answer any FOUR questions.

All questions carry equal marks.

1. What is research? Explain the basic concepts of research.
2. Explain the scientific methods of research.
3. Narrate the significance of research methods in library and information science.
4. What are all the factors to be considered while selecting a topic for research?
5. Research Design is the 'Blue print' of research – Discuss.
6. Explain the various sampling techniques in research.
7. Narrate the interview method of data collection.

8. Write short notes on any THREE of the following :
    - (a) Action Research
    - (b) Case study
    - (c) Measures of central tendency
    - (d) Historical method.
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LIBRARY INFORMATION PROCESSING AND  
RETRIEVAL TECHNIQUES

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Time : Three hours

Maximum : 80 marks

Answer any FOUR questions.

All questions carry equal marks.

1. Define IRS with the help of a diagram explain the components of IRS.
2. Explain the Criteria of Recall and precision used in evaluating an Information Retrieval system.
3. Distinguish the classification schemes of CC and DDC.
4. Describe the various steps in preparing POPSI with an example.
5. Bring out the implications of ASLIB Cranefield II study.
6. Explain the process of developing a thesaurus.

7. Trace the evolution of MARC formats.
  8. Write short notes on any THREE
    - (a) Subject indexing Languages
    - (b) LC
    - (c) Uniterm indexing
    - (d) ISO 2709
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MANAGEMENT OF LIBRARY AND INFORMATION  
SYSTEM

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(For those who joined in July 2004 or earlier)

Time : Three hours

Maximum : 80 marks

Answer any FOUR questions.

All questions carry equal marks.

(4 × 20 = 80)

1. Write an essay on system analysis and design.
2. Suggest techniques for evaluating information systems.
3. Justify how information can be treated as a marketable commodity.
4. Define planning. Discuss the types and importance of library planning.
5. What are the various types of organisational structure? Explain "Line and staff organisation".
6. Discuss the contributions of human relations and behavioural schools of thoughts.

7. State the importance of managerial communication.
  8. Write short notes on any THREE of the following :
    - (a) PPBS
    - (b) System approach
    - (c) Cost effective analysis
    - (d) Interpersonal communication
    - (e) Operations Research.
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