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1719/MS1

MAY 2007

Paper I — RESEARCH METHODS AND
QUANTITATIVE TECHNIQUES

Time : Three hours

Maximum : 80 marks

Answer any FOUR questions.

All questions carry equal marks.

1. Explain the basic concepts in research.
2. Narrate the relevance and importance of research in Library and Information Science.
3. Discuss the importance of hypothesis in research.
4. Narrate the various nascent areas of research in Library and Information Science.
5. What is Research Design? Explain its need and purpose.
6. Explain Survey Methods with examples.
7. Explain the questionnaire method of data collection.

8. Write short notes on any THREE of the following :
 - (a) Scientific Methods
 - (b) Census/population studies
 - (c) Statistical methods
 - (d) Data analysis.

**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 various component of IRS.
2. Describe general theory of subject indexing language.
3. Define thesaurus. Explain the process of developing a thesaurus with an example.
4. Distinguish between DDC and UDC.
5. Write a note on Uniterm Indexing and Citation Indexing.
6. Describe the entries in AACR II for non-print media.
7. Explain various criteria's for evaluating IRS.

8. Write short notes on any THREE :

- (a) Pure notation
- (b) CC
- (c) ISO 2709
- (d) Search strategy.

Paper III — MANAGEMENT OF LIBRARY AND
INFORMATION SYSTEM

Time : Three hours

Maximum : 80 marks

Answer any FOUR questions.

All questions carry equal marks.

1. What do you know about Behavioural School of thought? Discuss in detail Maslow theory.
2. Discuss different methods of planning in library management.
3. Explain various types of communication in library.
4. Describe briefly the organizational structure of university library.
5. What do you mean by pricing? Discuss the pricing mechanism applied for LIS products and services.
6. What is meant by Library Budget? Explain Planning Programming Budgeting System.
7. Write an essay on system analysis and design.

8. Write short notes on any THREE of the following :
 - (a) Economics of information
 - (b) Performance evaluation
 - (c) Operations research
 - (d) Cost effective analysis.
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Paper IV — INFORMATION TECHNOLOGY,
INFORMATION SYSTEM AND PROGRAMS

Time : Three hours

Maximum : 80 marks

Answer any FOUR questions.

All questions carry equal marks.

1. Define Personal computer. Trace out the PC Architecture Developments.
2. Explain the salient features of MS DOS. Identify the advantages of MS. DOS.
3. Describe the various components of Information system analysis.
4. What are the characteristics of Database? Briefly describe the different database system models.
5. Write an essay on CD ROM technology.
6. Differentiate virtual library from digital library.

7. Discuss in detail the operation of E-mail.
 8. Write short notes on any THREE :
 - (a) UNIX
 - (b) Inverted files
 - (c) Videotext.
 - (d) ISDN.
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