

**M.L.I.Sc. Degree Examination**  
**August / September 2009**  
**Directorate of Correspondence Course**  
**(Freshers)**  
**Library and Information Science**  
**Paper - I : Information Processing and Retrieval (Theory)**

Time : 3 Hours

Max. Marks : 85

**Note : 1) Answer any FIVE questions**

**2) All questions carry equal marks**

1. Discuss the purpose and functions of information processing and retrieval system.
2. Explain the characteristics of Indexing Languages.
3. Define thesaurus and explain the steps involved in construction of a thesaurus.
4. Critically examine the salient features of PRECIS.
5. Describe the salient features of MARC?
6. What is bibliography? Explain the role of international organizations in bibliographical control.
7. Write a detailed note on trends in IRS?
8. Write notes on any THREE of the following
  - a. Uniterm Indexing
  - b. CCF
  - c. Search strategy
  - d. UBC
  - e. Aslib Cranefields prefect - II

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**Paper - II : Research Methods and Statistical Techniques**

Time : 3 Hours

Max. Marks : 85

**Note : 1) Answer any FIVE questions**

**2) All questions carry equal marks**

1. Define research. Discuss the need and purpose of research.
2. State and explain the sources from which research problem is identified.
3. What is scientific method? Discuss in detail the basic of scientific method.
4. Describe the steps Historical method of research.
5. Explain the different types of random sampling techniques along with their merits and demerits.
6. Mentions the various types of graphical presentation of data and explain their importance.
7. What are style manuals. Explain in detail chikago style manual.
8. **Write notes on any THREE of the following**
  - a. Qualities of good hypothesis
  - b. Research Design
  - c. Measure of central tendency
  - d. Citation analysis
  - e. Webometrics.

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**Paper - III : Information Technology (Theory)**

Time : 3 Hours

Max. Marks : 85

- Note :** 1) **Answer any FIVE questions**  
2) **All questions carry equal marks**

1. Write a note on automated acquisition system.
2. Describe the features of SOUL
3. Explain the components of computerised information retrieval systems.
4. Discuss the importance and application of hypertext.
5. Write an essay on DELNET
6. Describe the features of HTTP
7. Discuss the application of AI to library and information work.
8. **Write notes on any THREE of the following**
  - a. Components of IT
  - b. Planning of library automation
  - c. Types of databases
  - d. Internet connectivity
  - e. INFLIBNET

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**Paper - IV : Information Analysis and Design of Information  
Products and Services**

Time : 3 Hours

Max. Marks : 85

**Note : 1) Answer any FIVE questions**

**2) All questions carry equal marks**

1. Define the concept of Information Products and Services. Explain the steps in compilation of information products and services.
2. Define CAS? Explain the steps in providing SDI service.
3. State and explain the types of Indexing Services along with examples.
4. What is a Trend Report? Explain the steps in compilation of Trend Report.
5. Write a note on on-line literature search.
6. Define Translation Service? State and explain the major translation centres.
7. Discuss in detail about UAP.
8. **Write notes on any THREE of the following**
  - a. Current contents
  - b. Subject Bibliography
  - c. Technical Digest
  - d. Documentation Backup services
  - e. Handbooks and manuals

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**Paper - V : Academic Library Systems and Services**

Time : 3 Hours

Max. Marks : 85

**Note : 1) Answer any FIVE questions**

**2) All questions carry equal marks**

1. Explain the objectives and functions of academic libraries?
2. Discuss the role of academic libraries in the light of the New Education Policy?
3. Discuss the Problems of collection development in University Libraries?
4. Explain the importance methods of user education in school libraries.
5. Explain the steps in planning of reference service in a college library.
6. Discuss the management of finance in College libraries.
7. Write a detailed note on selection and recruitment of professional staff in university libraries.
8. **Write notes on any THREE of the following**
  - a. User Needs
  - b. Performance Evaluation
  - c. Library Planning
  - d. School Libraries
  - e. Academic Library Networks

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