

MLIS/II Sem.
Paper M-108: Information Storage and Retrieval System

Time: 3 Hours

Maximum Marks: 70

(Write Your Roll No. on the top of paper immediately on the receipt of this question paper).

Attempt all questions.

1. Either, 1-1 What do you mean by Information Retrieval? Discuss with suitable examples the various types of search techniques.

 Or, 1-2 What is the need of compatibility in Information Storage and Retrieval System (ISRS) ? Discuss the various issues and areas of compatibility in ISRS. 12.5
2. Either, 2-1 Define the concepts of 'Abstract, Extract, Summary and Slant to Abstract'. Discuss the various types of abstracts and steps in preparation of an abstract.

 Or, 2-2 Explain the need for evaluation of an 'Information Retrieval System'. Examine, by giving examples, the criteria which will be used for its evaluation. 12.5
3. Either, 3-1 Discuss various types of Metadata and its functions.

 Or, 3-2 Write an essay on MARC Format. 12.5
4. Either, 4-1 Explain the need and purpose of controlled vocabulary in Information Storage and Retrieval. Discuss the usefulness of a thesaurus in Information Storage and Retrieval.

 Or, 4-2 Explain by giving examples, the salient features of Pre-coordinate and Post-coordinate System of Indexing. 12.5
5. Write notes on any *four* of the followings: 4x5=20
 - I. Information Retrieval Models
 - II. Data Mining
 - III. Meta Search Engines
 - IV. Recall and Precision
 - V. ISBD
 - VI. Interoperability

MAY 2016

Roll No....

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1. Either, 1-1 What do you mean by 'automatic indexing'? Discuss its need and purpose. Describe the steps involved in creating an automatic index in MS-Word.

Or, 1-2 Explain the need of compatibility in Information Storage and Retrieval System (ISRS). Discuss the various issues and areas of compatibility in ISRS
12.5
2. Either, 2-1 Define the concepts of 'Information Retrieval' and 'Information Browsing'. Discuss with suitable examples, various search techniques of a database.

Or, 2-2 Write an essay on 'Keyword Indexing System'.
12.5
3. Either, 3-1 Define the concept of 'Metadata' by discussing the various sets of elements. Describe the functions of a Metadata.

Or, 3-2 Discuss the need and purpose of a thesaurus in indexing and searching. Discuss with suitable examples, the various types of relationship among the terms in a thesaurus.
12.5
4. Either, 4-1 What do you understand by Semantic Web? Discuss the key technology of Semantic Web.

Or, 4-2 What do you understand by 'Data Mining'? Discuss the steps involved in data mining.
12.5
5. Write notes on any **Four** of the following: 4x5= 20
 - i. Pre-coordinate Indexing
 - ii. Chain Indexing
 - iii. Bibliographic Description
 - iv. Precision and Recall
 - v. Evaluation of Information Retrieval System
 - vi. MARC-21

May-17

Roll No....

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 - vi. MARC-21

May 2018

Write Your Roll No.....

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Maximum Marks: 70

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Attempt all questions.

1. Either, 1-1 What do you meant by 'Information Retrieval'? Discuss with suitable examples the various types of search techniques.

 Or, 1-2 Define the concepts of 'Information Management' and 'Information Retrieval'. Discuss the functions and types of Information Storage and Retrieval (ISR) system. 12.5
2. Either, 2-1 Define the concepts 'Index', 'Indexing', 'Indexing System'. Discuss with suitable examples, the major landmarks in indexing systems.

 Or, 2-2 Explain the need for evaluation of an 'Information Retrieval System'. Examine, by giving examples, the criteria which will be used for its evaluation. 12.5
3. Either, 3-1 Discuss various types of Metadata element sets and its functions.

 Or, 3-2 Write an essay on MARC 21. 12.5
4. Either, 4-1 Explain the need and purpose of controlled vocabulary in information storage and retrieval. Discuss, the thesaurus as a tool in information organizing and retrieval and their relationship among the terms found in a thesaurus.

 Or, 4-2 Explain by giving examples, the salient features of Pre-coordinate and Post-coordinate System of Indexing. 12.5
5. Write notes on any *four* of the followings: 4x5=20
 - i. Interoperability
 - ii. Steps in Thesaurus construction
 - iii. Sears List of Subject Heading
 - iv. Automatic Indexing
 - v. Compatibility in ISRS
 - vi. Postulates in POPSI

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Attempt all questions.

1. Either, 1-1 Define the concepts of 'Information Retrieval' and 'Information Browsing? Explain the various components of Information Storage and Retrieval System
Or, 1-2 Define the concept of Compatibility. Discuss its needs and areas of compatibility in information storage and retrieval system
12.5
2. Either, 2-1 What do you understand by controlled vocabulary? Discuss the need and usefulness of controlled vocabulary in information storage and retrieval
Or, 2-2 Discuss the structure, principles and usefulness of Sears List of Subject Headings in information storage and retrieval
12.5
3. Either, 3-1 What do understand by Metadata? Discuss various types of Metadata and its functions.
Or, 3-2 Write an essay on POPSI.
12.5
4. Either, 4-1 What is bibliographic description? Discuss contribution of institutions and information experts in development of bibliographic description tools
Or, 4-2 Discuss the various landmarks in indexing system. Explain with suitable examples Pre-coordinate and Post-coordinate System of Indexing.
12.5
5. Write notes on any *four* of the followings: **4x5=20**
 - I. ASK Model
 - II. Interoperability
 - III. Evaluation of Indexing System
 - IV. Resource Description Format
 - V. Chain Indexing
 - VI. Semantic Web