

AV-8391
M.Lib.I.Sc. (First Semester) Examination, 2015-16
Information Retrieval (Theory)
PAPER - III
Time Allowed: Three Hours
Maximum Marks: 70

Model Answer
Prepared by

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(Section-A)

Question 1: **Objective Type Questions:**

Answer:

- I. IFLA
- II. George Boole
- III. 1971
- IV. Open Archieve Initiative/Protocol for Metadata Harvesting
- V. $Recall\ Ratio = \frac{\text{Number of relevent items retrieved}}{\text{Total no. of relevents items in collection}} \times 100$
- VI. IR-1952
Evaluation criteria given by Lancaster-1971
NLP-1950
- VII. Eugene Garfield
- VIII. Calvin Moores in 1950
- IX. Vocabulary Control is the essence of the indexing system. It is the best way to solve the problems of synonymous terms in indexing techniques.
- X. 15

Section-B

Question 2: Define indexing language, its type and characteristics. Discuss citation indexing in detail with suitable examples.

Answer: Meaning of Indexing Language:

Definition of Indexing Language:

Types of Indexing Language

Concept of Citation Indexing:

Advantages of Citation Indexing:

Disadvantages of Citation Indexing:

Question 3. Discuss PREECIS and POPSI in detail.

Answer: PREECIS: Preserve Context Indexing System

Introduction:

Role Operator of PREECIS:

Use of PREECIS:

Characteristic of PRECIS:

Example of PRECIS:

Conclusion:

POPSI: Postulate Based Permuted Subject Indexing

Introduction:

Steps of POPSI:

Examples of POPSI:

Characteristics of POPSI:

Conclusion:

Question 4. Define the concept of bibliographical control. Discuss ISBD and MARC-21 details.

Answer. Concept of Bibliographic Control:

ISBD: International Standard Bibliographic Description

Functions of ISBD:

Types of ISBDs:

- I. **ISBD(GM):** General Materials
- II. **ISBD(M):** Monograph
- III. **ISBD(CM):** Cartographic Materials
- IV. **ISBD(S):** Serial
- V. **ISBD(ER):** Electronic Resources

MARC: Machine Readable Catalogue

Introduction:

Formats of MARC 21

Use of MARC:

Conclusion:

Section-C

Question 5. What is Chain Indexing? Write the various steps of chain indexing with suitable examples.

Answer: Definition of Chain Indexing:

Types of Link in Chain Indexing

Steps of Chain Indexing:

Examples of Chain Indexing:

Question 6: Write a short note on:

a. **KWIC**

b. **Indexing Techniques**

Answer: Key Word in Context

Meaning of KWIC:

Definition of KWIC:

Functions of KWIC:

Advantages of KWIC:

Disadvantages of KWIC:

Indexing Techniques:

Definition:

Pre-coordinate Indexing Techniques:

Post-coordinate Indexing Techniques:

Examples of Indexing Techniques:

Question 7: Describe Federated Search and Multimedia database in detail.

Answer: Definition:

Model of Federated Search:

Software for Federated Search:

Federated Search Protocol:

Concept of multimedia database search:

Types of Multimedia database searching techniques:

Question 8: Define Dublin Core. Discuss OAI/PMH in brief.

Answer: Concept of Dublin Core Metadata:

Description of 15 Elements of Dublin Core Metadata:

OAI/PMH Acronym:

Meaning of OAI/PMH:

Objectives of OAI/PMH:

Characteristics of OAI/PMH: