

No. of Printed Pages : 3

MLI-003

**POST GRADUATE DIPLOMA IN
LIBRARY AUTOMATION AND
NETWORKING (PGDLAN)**

Term-End Examination

June, 2026

MLI-003 : INFORMATION SYSTEMS

Time : 2 Hours

Maximum Marks : 50

Weightage : 40%

Note : *Answer all questions. All questions carry equal marks. Illustrate your answer with suitable examples and diagrams, wherever necessary. Write relevant question number before writing the answers.*

1. Define a 'System Design'. Describe various key steps involved in the system design process.

Or

What do you mean by Expert System ?
Discuss different tools for building an expert system ?

2. What do you understand by 'Search strategy' ? Describe different types of tools for organizing the information.

Or

Discuss the chronological evolution of Database Management System (DBMS) and explain the goals of a DBMS.

3. Describe in brief Data Definition Language (DDL) and Data Manipulation Language (DML).

Or

Explain the criteria for evaluating an Information Reterival System.

[3]

4. What are Boolean Operators ? Explain their use with suitable examples.

Or

What do you understand by Artificial Intelligence (AI) ? Discuss some of the areas where AI applications are being used.

5. Write short notes on any *two* of the following in about **250** words each :
- (a) Relational data models
 - (b) Data flow diagram
 - (c) Knowledge Base System
 - (d) B-Trees

× × × × ×