

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

**Term-End Examination**

**June, 2025**

**MLI-003 : INFORMATION SYSTEMS**

*Time : 2 Hours*

*Maximum Marks : 50*

*Weightage : 40%*

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**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.*

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1. Describe various components of an information system. Explain any *two* types of information systems. 10

*Or*

Explain system flowchart in detail. Describe various flowcharting symbols with diagrams.

2. Explain various search strategies in detail.

10

*Or*

Define 'Management Information System'. Discuss its need and elements in detail.

3. Explain major issues and challenges related with digital libraries.

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*Or*

What is relational database ? Explain its characteristics and functions.

4. What do you mean by 'Database Management System (DBMS)' ? Discuss its evolution in detail.

10

*Or*

Enumerate various types of operators used in searching a database. Discuss in detail the role of proximity operators.

[ 3 ]

5. Write short notes on any *two* of the following  
in about **250** words each : 5×2=10

- (a) Systems study
- (b) Views
- (c) XML Query Language
- (d) Artificial Intelligence

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