POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

Term-End Examination

June, 2023

MLI-003 : INFORMATION SYSTEMS

Time : 2 Hours   *Maximum Marks : 50*

(Weightage : 40%)

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

1. Discuss the principles and process of system design.

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Or

What do you understand by the term 'System Implementation' ? Discuss the main approaches to system conversion.

2. Define Normalization. Explain different forms of normalization with suitable examples.

Or

Explain models of information retrieval systems based on theories, tools and techniques.

3. Discuss the tasks related to implementation, evaluation and maintenance of an MIS.

Or

What are the criteria for a DBMS to be relational ? Discuss different types of keys and their functions.

4. What is data warehousing ? Illustrate the schematic view of data warehousing and data mining and explain various steps of data warehousing.

Or

Discuss the various types of Boolean operators with examples.

5. Write short notes on any **two** of the following (in about **250** words each) :

   (a) General Systems Theory

   (b) Recall and Precision

   (c) E-R Diagram

   (d) Distributed Database Systems

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