

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

Term-End Examination

December, 2011

MLI-003 : INFORMATION SYSTEMS

Time : 2 hours

Maximum Marks : 50

(Weightage : 40%)

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

1.1 What is an information system ? Discuss its components and types.

OR

1.2 Discuss the principles and process of system design.

2.1 Distinguish between known-item and unknown-item search. Describe the different types of unknown-item searches.

OR

2.2 Enumerate the different types of DBMS. Describe RDBMS.

3.1 Define a management information system.
Discuss its design and development.

OR

3.2 What is a digital library ? Discuss its characteristics.

4.1 Distinguish between file organisation and access methods. Describe different file access methods.

OR

4.2 What is data definition language ? Describe its application with an example.

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

- (a) Conceptual schema
 - (b) Digitisation.
 - (c) Object-oriented data-model.
 - (d) Keys in query language.
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