MLI-003

00359

POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

Term-End Examination

June, 2016

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
different types.

OR

1.2 What do you understand by 'information
retrievial' ? Discuss the techniques and processes
involved in it.

2.1 'The concept of database has evolved from file
management system'. Justify the statement
discussing the structure and design of a database.

OR

2.2 What is a digital library ? Discuss its characteristics.

3.1 Discuss the need and objectives of a DBMS. Describe their chronological evolution.

OR

3.2 Discuss the general strategies for query optimization. Explain the role of JOIN operator in query formulation.

4.1 Discuss the criteria for evaluation of an information retrievial system.

OR

4.2 What is a normal form ? Describe its different types.

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

(a) Expert systems

(b) Need of MIS

(c) RAID Technology

(d) Data Definition Language