00105

POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

Term-End Examination

June, 2018

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   Define a System. Give an overview of the system   **10** with the help of a diagram.

OR

1.2   Describe different information retrieval models   **10** based on theories and tools.

2.1   Define DBMS. Discuss characteristic features of   **10** three major types of DBMS.

OR

2.2   Discuss the steps related to 'planning' and   **10** 'designing' of MIS.

3.1 What is 'Data structure' ? Explain 'B-Trees' as a 10
form of data structure.

OR

3.2 Explain with examples any five major SQL 10
commands.

4.1 Explain the use of 'Selection' and 'Join' in SQL. 10

OR

4.2 What do you mean by 'search strategy' ? Describe 10
different types of 'Proximity Operators' applicable
in Internet Searching.

5.0 Write short notes on **any two** of the following in 10
about **250** words each.

(a) Decision Support System

(b) Expert System

(c) E-R based data modelling

(d) Types of Information Systems