POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

00092

Term-End Examination

June, 2012

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 Explain the concepts 'system' and 'system approach'.

OR

1.2 Enumerate the different types of information retrieval models. Describe the linguistic and user models.

2.1 Discuss the criteria on the basis of which an information retrieval system can be evaluated.

OR

2.2 What is a decision support system ? How is it different from a management information system ? Describe its structural components.

3.1 Discuss the issues and challenges in the development of digital libraries.

OR

3.2 What are the advantages and disadvantages of normalization of relations ? Discuss the different normal forms.

4.1 Discuss the need for a DBMS. Describe various generations of DBMS.

OR

4.2 Explain different Boolean operators with examples.

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

(a) Role of a system analyst

(b) Recall and precision

(c) Data mining

(d) Inverted lists.