No. of Printed Pages : 2   **MLI-004**

POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING MLI-004 (PGDLAN)

Term-End Examination

June, 2024

MLI-004 : NETWORKING AND INTERNET TECHNOLOGY

Time : 2 Hours   *Maximum Marks : 50*

Note :– Answer 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. (i) What is meant by Frame Relay and Call Relay ? Discuss the architecture of asynchronous transfer mode of data transmission together with is advantages.

Or

   (ii) Explain the essential components of computer networking ? Discuss the functions of transmission media in such devices.

P.T.O.

2. (i) Describe the ISO network management model.

Or

   (ii) Describe the areas of resource sharing that are practised in the context of libraries.

3. (i) What is UNICODE ? Discuss its essential features.

Or

   (ii) Explain different types of protocols used in internet with examples.

4. (i) Discuss the role of librarians in network-based information services.

Or

   (ii) Discuss the major elements of management of library and information networks.

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

   (i)   Criteria for choosing a search engine

   (ii) Client-server computing

   (iii) Electronic document delivery

   (iv) Digital certificates

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