POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

Term-End Examination

December, 2022

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 the relevant question number before writing the answer.*

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1. Explain the client-server architecture and discuss its limitations.

P. T. O.

Or

Explain the essential components of computer networking. Discuss the functions of transmission media in such devices.

2. What are the different layers of ISO/OSI reference model ? Describe the functions of any *two* of them.

Or

Describe X.25 devices and protocol-operations.

3. Explain the concept of National-Information Policy for Library and Information Systems.

Or

Describe inter-library loan (ILL) code developed by IFLA.

4. Discuss the library and information services offered by INFLIBNET.

Or

What is SGML ? Make a comparison between XML and HTML as markup languages.

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

   (a) LAN *vs.* WAN

   (b) Barriers to Resource sharing

   (c) Z39.50

   (d) Extranet

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