MLI-004

POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

Term-End Examination

June, 2020

MLI-004 : NETWORKING AND INTERNET TECHNOLOGY

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 writing the answer.

1. What is TCP/IP ? Describe the tasks of each layer of TCP/IP.   10

Or

What is X.25 ? Describe X.25 devices.

2. Describe the major functions of ISO Network Management Model. 10

Or

Discuss the impact of electronic technology in interlibrary loan services and resource sharing.

3. What are the components of Network Architecture ? Describe different network protocols. 10

Or

Explain different types of protocols used in Internet with examples.

4. Explain the need for Internet Security. How can the information in Internet be secured ? 10

Or

What is W3 ? Explain its characteristics.

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

   (a) Client-Server computing

   (b) Electronic document delivery

   (c) Instant messaging

   (d) Consortia-based services

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