

M.L.I.Sc. (Sem.-IV) Examination
508 LIB Networks and Internet : Theory
May-2017

Time : 2 Hours]

[Max. Marks : 35

1. નેટવર્ક એટલે શું? તેની જરૂરિયાત દર્શાવી વિવિધ પ્રકારોની વિગતે ચર્ચા કરો. 15
અથવા
પ્રત્યાયનની વ્યાખ્યા આપી સેટેલાઇટ અને રેડિયો કોમ્યુનિકેશન વિષે વિગતે ચર્ચા કરો.
2. નીચેના પૈકી કોઈપણ બે વિષે ટૂંક નોંધ લખો. 10
1. નેટવર્ક હાર્ડવેર ડિવાઇસીસ
2. બસ નેટવર્ક ટોપોલોજી
3. માહિતી સુરક્ષાની પ્રયુક્તિઓ
4. માહિતી પ્રત્યાયનમાં મલ્ટીમિડિયાનો ઉપયોગ
3. અંગ્રેજી વર્ઝન પ્રમાણે. 10

English Version

- Q.1 What is Network? Describe its need and various types in detail. 15

OR

Define Communication and discuss in detail about Satellite and Radio Communication.

- Q.2 Write short notes on any Two of the following- 10
1. Network Hardware Devices
2. Bus Network Topology
3. Techniques of Information Security
4. Use of Multimedia in Communication
- Q3. Select and write correct answer from below given options 10

1. LAN is:

(a) Local Area Network	(b) Local Area Nest
(c) Less Area Network	(d) Last Area Network
2. One user is working in computer system known as:

(a) Single user	(b) Multi user
(c) Network	(d) None of these
3. Which one of the following is not network topology?

(a) TCP/IP	(b) OSI
(c) Both (a) and (b)	(d) Ring
4. Which one of the following is not information security device?

(a) Mouse	(b) Pen drive
(c) Hard Disc	(d) None of these
5. Which one of the following is not network protocol?

(a) MS Office	(b) TCP/IP
(c) Both (a) and (b)	(d) None of these

(P.T.O)

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6. INFLIBNET is a:
- (a) LAN (b) WAN
(c) MAN (d) None of these
7. Internet is a :
- (a) Library system (b) Information System
(c) Network of Networks (d) Management Systems
8. Terminals are devices for transmitting and/or receiving data or Communication.
- (a) Networks (b) Data Base
(c) Channel (d) System
9. The cable which consist of many insulated wires is known as:
- (a) Copper wires (b) Optical wires
(c) Coaxial wires (d) Wires Pairs
10. A network is which all the computers (nodes) are attached to a single cable is known as:
- (a) Ring (b) Star
(c) Bus (d) Hierarchical
