

Q-1) Define the following terms.

1. WAN
2. IrDA
3. ASCII
4. Bridge
5. Intranet
6. Flooding
7. Intranet
8. Piconet
9. Bit Rate
10. Bandwidth
11. Multiplexing
12. IntraLATA Calls
13. Parallel Transmission

Q-2) Answer the following.

1. Explain special purpose modems.
2. Differentiate Packet Switching and Circuit Switching.
3. Explain Front-end processors.
4. Explain infrared transmission
5. Explain Static routing.
6. Explain the IPX / SPX.
7. Explain the Basic Components of communication system.
8. Explain LEOS, GEOS and MEOS.

Q-3) Write a Short note on the following.

1. Internet Protocols
2. Message Switching
3. CSMA / CD
4. Synchronous Transmission
5. CDPD

Q-4) Attempt the following.

(a) Write a Short Note on.

- (1) FDM.
- (2) Twisted Pair
- (3) Amplitude Modulation

(b) List the source of Errors and explain any four.

Q-5) Attempt the following.

- (1) List OSI model and Explain the function of any three Layer in detail.
- (2) What is Switching ? List all the methods of Switching ? and explain Packet Switching.