

(Based on remember)

Answer any five Questions.

1. (a) What are the main functions of different layers in TCP/IP?
(b) Discuss the goals and uses of the computer network.
2. (a) What is meant by sliding window protocol? How is it effected?
(b) What are the common transmission impairments? What is meant by delay distortion?
3. (a) Explain Scrambling Techniques?
(b) What are the different types of stations and link configuration HDLC supports? Draw and explain the frame structure of HDLC.
4. (a) Compare circuits switching and packet switching.
(b) What are the basic functions of LLC and MAC layer in Ethernet LAN?
5. Differentiate among Fixed, Flooding Random and Adaptive routine strategic.
6. What is meant by congestion control>what is the general congestion control mechanism used in packet switching network?
7. What are the the different transmission mediums available?
write notes on fibre optics cable?
8. What is the difference between Class full and classless addressing in Pv4? Explain.
9. Write short notes on:
(a)CSMA/CD
(b)FTP and SMTP