

IV UNIT 2 MARKS QUESTIONS

1. What is function of transport layer?
2. What are the duties of the transport layer?
3. What is the difference between network layer delivery and the transport layer delivery?
4. What are the four aspects related to the reliable delivery of data?
5. What is meant by segment?
6. What are the types of multiplexing?
7. What are the two possible transport services?
8. The transport layer creates the connection between source and destination. What are the three events involved in the connection?
9. What are the techniques used in multiplexing?
10. What is meant by congestion?
11. Why the congestion occur in network?
12. How will the congestion be avoided?
13. What is the function of BECN BIT?
14. What is the function of FECN?
15. What is meant by quality of service?
16. What are the two categories of QOS attributes?
17. What are the networks & user related attributes?
18. What is frame & framing bits?
19. What is interleaving?

IV UNIT 10 MARKS QUESTIONS:

1. With neat diagram, explain the TCP connection establishment in the normal case and collision case
2. Explain in detail window management in TCP
3. Explain the following characteristics. (i) Reliability (ii) Delay (iii) Jitter (iv) Bandwidth
4. (i) Explain how connection is established and released in TCP with a neat sketch.

- (ii) Explain the default timer mechanism followed in TCP.
- 5. Explain in detail about congestion control techniques in transport layer with a suitable example.
- 6. Explain in detail about transport layer protocols with neat diagram.
- 7. Explain the segment formats for TCP and UDP.
- 8. (i) Explain the features of TCP (8)
- (ii) What do you understand by “3-Way Handshake” in TCP? Explain.
- 9. Define QOS. Elaborate the characteristics of QOS.
- 10. Explain in detail about the process to process delivery using UDP and its uses.