

Module-4

- 7 a. Explain with a neat diagram IP datagram format. (08 Marks)
b. Illustrate with an example, Linkstate routing. (08 Marks)

OR

- 8 a. What is distance vector routing? Explain the various drawbacks of distance vector routing and a few solutions to overcome the same. (08 Marks)
b. Explain with a diagram three phases of mobile IP. (08 Marks)

Module-5

- 9 a. Explain with a neat diagram, Goback-n protocol. (08 Marks)
b. Explain TCP segment format. (08 Marks)

OR

- 10 a. Explain various services of UDP. (05 Marks)
b. Compare connection oriented and connectionless services. (08 Marks)
c. Suppose a TCP connection is transferring a file of 5000 bytes. The first byte is numbered 10001. What are the sequence numbers for each segment if data are sent in five segments, each carrying 1000 bytes? (03 Marks)

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