

OR

- 6 a. Discuss the IPV6 packet format. (05 Marks)
b. Elaborate the path attributes in BGP and steps to select the BGP routes. (05 Marks)
c. List the broadcast routing algorithms. Explain any one of them. (06 Marks)

Module-4

- 7 a. Show the components of GSM 2G cellular network architecture with a diagram. (07 Marks)
b. Illustrate the steps involved in mobile IP registration with home agent. (05 Marks)
c. Write a note on mobile IP. (04 Marks)

OR

- 8 a. Define Handoff. Explain the steps accomplishing a handoff. (07 Marks)
b. Bring out the mechanism of direct routing to mobile node in mobility management. (06 Marks)
c. Compare the 4G LTE standard to 3G systems. (03 Marks)

Module-5

- 9 a. Elaborate the features of streaming stored video. (03 Marks)
b. With a neat diagram, explain the CDN operation. (08 Marks)
c. Summarize the limitations of Best-effort IP service. (05 Marks)

OR

- 10 a. Explain the diffserv internet architecture. (05 Marks)
b. Describe the leaky bucket policing mechanism. (06 Marks)
c. Discuss the round-robin and waited fair queuing scheduling mechanism. (05 Marks)

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