UNIt-III

1. Discuss in detail CSMA, CSMA/CD and CSMA/CA.
2. What is Ethernet? And explain the following in detail
3. Fast ethernet ii) Gigabit ethernet iii) 10 Gigabit ethernet
4. Explain about channelization protocols(TDMA, FDMA &CDMA)

Unit IV

1. Differentiate Virtual Circuit and Datagram Networks
2. Apply Distance Vector Routing protocol to find minimum cost with an example
3. Explain about link state and hierarchical routing algorithms.
4. Define congestion and demonstrate leaky bucket algorithm with neat sketch.
5. Compare Internet Protocol (IPv4 and IPv6).
6. Explain various messages of ICMP protocol.

Unit V

1. Discuss User Datagram Protocol (UDP) in Transport layer.
2. Explain about Transmission Control Protocol (TCP) in Transport layer.
3. Write a short note on WWW and DNS.
4. Explain about HTTP.
5. Discuss in detail about SNMP protocol.
6. Illustrate electronic mail and its architecture.