

- Q-3 Explain Network application topologies and at least three Standard Creation Committees. [10]
OR
- Q-3 Describe the standard OSI layer with require diagram. [10]
- Q-4 A Define Simplex, half duplex and full duplex. [05]
B Give the description about Transmission modes. [05]
OR
- Q-4 A Explain Carrier sense multiple access with Collision Detection (CSMA/CD). [05]
B Explain Aloha protocol and token passing. [05]
- Q-5 A Explain Internet Virus and Worm. [05]
B Explain Double bit error detection with example. [05]
OR
- Q-5 Explain CRC in details. [10]
- Q-6 Explain Protocol Correctness. [10]
OR
- Q-6 A Discuss about Sliding window Protocol. [05]
B Discuss about binary synchronous communication protocol. [05]

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