1. What is CSMA/CD?

2. What is the advantage of FDDI over a basic token ring?

3. What are the functions of Bridges?

4. Define Unicasting, Broadcasting and Multicasting.

5. List the difference between   Packet Switching and Circuit Switching.

6. Differentiate Physical Address and Logical Address.

7. Define ARP and RARP

8. What is subnetting and what is the network address in a class A subnet with the IP address of one of the hosts as 25.34.12.56 and maskis 255.255.0.0?

PART-B

1. Discuss in detail about the Ethernet and Explain in detail about DHCP

2. Explain the functioning of wireless LAN in detail and hidden terminal problem and exposed terminal problem.

3. Explain in detail about IP v4 and IPv6 addressing.

4. Describe the CSMA/CD protocol and comment on its performance for medium access.