1. What is Networking? List out the advantages of Networking.

2. Distinguish between LAN and WAN.

3. What is transmission media? List and explain six characteristics of transmission media.

4. What are the advantages of wireless transmission media?

5. Write a short note on co-axial cable.

6. Write a short note on twisted pair cable.

7. Write a short note on fibre optic cable.

8. Write the difference between UTP and STP.

9. Write the difference between UTP & fibre optic cable.

10. Write the difference between twisted pair and co-axial cable.

11. Explain the following wireless media in detail:
   (a) Radio Waves     (b) Microwaves
   (c) Infrared Waves  (d) Laser Waves

12. What do you mean by Network Topology? Write the difference between physical and logical topologies.


16. Write a short note on:
   (a) Modem.    (b) Hub.
   (c) Repeater. (d) Routers