

❖ 2 Marks Short Question

1. What is Network?
2. What is ring topology?
3. Differentiate between LAN and WAN.
4. What is the Internet?
5. What is a fiber optic cable?
6. What is a MANET (Mobile Ad hoc Network)?
7. What is VANET?
8. What is a data packet?
9. Differentiate between HTTP and HTTPS.
10. What is SMTP?

❖ 7 Marks Long Question

1. What are topologies? Explain Star topology and Ring topology.
2. Explain working of Intranet & Internet and its architecture in details.
3. Discuss responsibilities of Transport and Session layer of OSI model.
4. Purpose of Presentation layer. List out presentation layer protocol. Discuss SSL and FTP in details.
5. Explain terms: SMTP, DNS and POP.
6. What is Network? Explain advantages and disadvantages of Networks.
7. Explain network devices.
8. Explain FANET and VANET.
9. Explain working of Email.
10. TCP vs. UDP
11. Explain use of Hub, Switch, Modem and Router.
12. List out the types of Ethernet cables and explain any two in detail.
13. Explain Gateway and Access point.
14. Define Unicast in details with its Advantages and Disadvantages.
15. Define Broadcast in details with its Advantages and Disadvantages.