COMPUTER NETWORK

One mark questions:

1. Define computer network. (U)
2. What is ARPANET? (U)
3. Expand ARPANET. (U)
4. Define protocol. (A)
5. What is TCP/IP? (U)
6. Expand TCP/IP. (U)
7. Expand HTTP. (U)
8. What is FTP? (U)
9. Expand FTP. (U)
10. Define SMTP. (U)
11. Define the term workstations (nodes). (U)
12. What is server? (U)
13. What is LAN? (U)
14. What is MAN? (U)
15. What is WAN? (U)
16. What is topology of networking? (U)
17. Write any one advantage of star topology. (U)
18. Write any one advantage of ring topology. (U)
19. Define Bandwidth. (U)
20. What is radio wave? (U)
21. What is transmitter? (U)
22. What is receiver? (U)
23. What is circuit switching? (U)
24. What is simplex communication mode? (U)
25. What is half duplex communication mode? (U)
26. What is full duplex communication mode? (U)
27. Give an example for simplex communication mode. (U)
28. Give an example for half duplex communication mode. (U)
29. Give an example for full duplex communication mode. (U)
30. What is data communication? (U)
31. What is the use of modem? (U)
32. What is a hub? (U)
33. What is a bridge? (U)
34. What is mobile computing? (U)
35. What is SIM card? (U)
36. What is SMS? (U)
37. Expand Wi-Fi. (U)
38. What is chatting? (U)

39. What is video conference?	(U)
40. What is network security?	(U)
41. What are Cookies?	(U)
42. What are Hackers?	(U)
43. What is cyber law?	(U)
44. What is a virus?	(U)
45. Name any one antivirus software.	(U)

Two mark questions:

1. Mention the advantages or goals of networking.	(U)
2. Mention the disadvantages of networks.	(U)
3. Mention the needs or service of networks.	(A)
4. Briefly explain HTTP.	(U)
5. Briefly explain FTP.	(U)
6. Write any two advantages of FTP.	(A)
7. Expand SLIP and PPP.	(A)
8. Differentiate between dedicated and non-dedicated server.	(A)
9. Write any two differences between LAN and WAN.A	(U)
10. Explain ring topology.	(U)
11. Explain star topology.	(U)
12. Explain linear bus topology.	(U)
13. Mention the types of cables used in networking?	(U)
14. Mention two types of twisted pair cables.	(U)
15. Explain the types of co-axial cable.	(U)
16. Write the differences between unshielded twisted and shielded twisted pairs.	(U)
17. Explain briefly about radio wave?	(U)
18. What is transmitter and receiver.	(U)
19. Name the different switching techniques.	(U)
20. Explain circuit switching.	(U)
21. Explain message switching.	(U)
22. Explain packet switching.	(U)
23. What is the difference between circuit and message switching?	(U)
24. Define the term repeaters, multiplexers.	(U)
25. How a router functions?	(U)
26. Define Gateway.	(U)
27. Write the difference between gateway and router?	(U)
28. Define the term SIM and GSM.	(U)
29. Write the difference between Wifi and Wifi hotspot?	(U)
30. Mention different protection methods.	(U)
31. Mention different firewall techniques.	(U)
32. What are hackers and crackers?	(U)
33. Classify types of virus.	(U)

34. Write any two virus prevention methods.   (U)
35. Mention any two antivirus software.   (U)
36. List the characteristics of virus.   (U)

Three mark questions
1. Mention different network goals.   (U)
2. Explain the needs of networking.   (A)
3. Explain TCP / IP.   (U)
4. What is server? Explain the types of server.   (U)
5. Write any three differences between LAN and W(U)AN.
6. What is topology of networking? Explain ring topology.   (U)
7. What is topology of networking? Explain star topology.   (U)
8. What is topology of networking? Explain linear bus topology.   (U)
9. Explain the different types of cables used in data transmission.   (U)
10. What are the advantages of twisted pair cable?   (A)
11. Explain switching technique.   (U)
12. Explain communication modes.   (U)
13. Give the examples for simplex, half duplex and full duplex communication mode.   (A)
14. What is modem? Explain its working.   (U)
15. Explain any three applications of networking.   (A)
16. Compare Wifi, Wifi hotspot and Wi-max.   (A)

Five mark questions:
1. What is computer network? Mention different network goals.   (U)
2. Mention different network services (need for network).   (U)
3. Mention the types of network? Explain any two.   (U)
4. What is topology? Explain any two topologies of networking.   (U)
5. Explain different network cables.   (U)
6. Explain transmission technique/switching technique.   (U)
7. Explain various networking devices.   (U)
8. Explain the hardware requirement for networking.   (U)
9. Define the following:
        a. Modem   b. Hub   c. Repeater   d. Bridge   e. Router   (U)
10. Explain the application of networking in detail.   (U)
11. Explain protection methods or network security.   (U)
12. What is computer security? Explain different protection method.   (U)
13. What is a virus? Explain different types of virus.   (U)
14. Explain the measures to prevent virus.   (U)