

CDC Assignment

Class XII

Subject: Informatics Practices

Answer the following questions:

1. Discuss the goals of Computer Networking.
2. What are dedicated and Non-dedicated servers?
3. Differentiate between MAC and IP address.
4. What is domain name? Discuss its various parts.
5. How domain name resolution works?
6. What are the factors to consider a topology for a computer network?
7. Discuss any two advantages and two disadvantages of Star topology?
8. Differentiate between Star and Bus Topology.
9. What are the advantages of using bus topology?
10. What is Mesh Topology?
11. What are transmission media? Discuss different types of transmission media in details.
12. Discuss the following network devices:
 - a. HUB b. SWITCH c. Repeater d. Router e. Bridge
13. What is snooping and eavesdropping?
14. Discuss the file access permission when sharing files on the internet.
15. What is a SIM card? Differentiate between GSM and CDMA.
16. Write a short note on 1G, 2G, 3G and 4G Networks.
17. What is the difference between Hackers and Crackers?
18. Explain the following terms: Firewall and cookies.
19. How do you access a PC remotely?
20. What is WLL?

Note: Write the answers of all these questions in your IP notebook.