

CCA-102: Data Communications

ASSIGNMENT

1. What are the different types of networks?
2. Explain the Shielded twisted pair (STP) and Unshielded twisted pair(UTP)
3. What is difference between baseband and broadband transmission?
4. What is the difference between a hub, modem, router and a switch?
5. When you move the NIC cards from one PC to another PC, does the MAC address gets transferred as well?
6. When troubleshooting computer network problems, what common hardware-related problems can occur?
7. In a network that contains two servers and twenty workstations, where is the best place to install an Anti-virus program?
8. Define Static IP and Dynamic IP? Discuss the difference between IPV4 and IPV6.
9. Discuss TCP/IP model in detail.
10. What is a Web Browser (Browser)? Give some example of browsers.
11. What is a search engine? Give example.
12. What is the Internet & WWW? What are the uses of internet in our daily life?
13. What is an Internet Service Provider? Give some example of ISP in India.
14. Discuss the difference between MAC address, IP address and Port address.
15. How do we view my Internet browser's history?