

S.No,Question,Revised Bloom's Taxonomy Level

- 1,"Explain OSI and TCP/IP models in computer networks.",Understand
- 2,"Compare connection-oriented and connectionless services.",Analyze
- 3,"What is IP addressing? Explain IPv4 vs. IPv6 differences.",Understand
- 4,"Describe different types of network topologies with diagrams.",Understand
- 5,"Explain error detection techniques in data communication.",Apply
- 6,"What are the different types of network protocols?",Understand
- 7,"Explain the working of Ethernet and its frame structure.",Apply
- 8,"What is a subnet mask? How is it used in networking?",Apply
- 9,"Explain routing algorithms: Distance Vector vs. Link State.",Analyze
- 10,"How does DHCP work in dynamic IP allocation?",Apply
- 11,"What is NAT (Network Address Translation)? How does it work?",Understand
- 12,"Describe the working of firewalls and intrusion detection systems.",Apply
- 13,"What are the different types of wireless networks?",Understand
- 14,"Explain TCP vs. UDP with examples.",Analyze
- 15,"What is VPN? How does it ensure secure communication?",Apply
- 16,"Explain DNS (Domain Name System) and its hierarchy.",Understand
- 17,"What is the role of MAC addresses in networking?",Understand
- 18,"Explain the concept of Quality of Service (QoS) in networking.",Apply
- 19,"Compare circuit switching, packet switching, and message switching.",Analyze
- 20,"What is congestion control in networking? Explain different techniques.",Evaluate