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