

Introduction to Computer Networks

Sr	Questions	Answers Choice
1	Which Protocol used to automatically assign IP addresses to devices on a network?	A. DNA B. ARP C. DHCP D. TCP
2	In IPV 6 there are.....group separated by	A. 1 B. 5 C. 2 D. 8
3	Which protocol is used to transfer files over the internet securely.	A. FTP B. SMTP C. SFTP D. HTTP
4	Which layer sends a message to the server connected with sender?	A. transport B. Data Link C. Physical Layer D. Main
5	Which layer is about the physical medium used in communication, like cabling etc.	A. Application layer B. Internet C. Physical D. Postal layer
6	Which device is used to connect multiple devices within a local area Network and direct data only to the intended recipient?	A. Hub B. Router C. Repeater D. Switch
7	----- is a device that receives message. It is also known as sink	A. computers B. Computer Networks C. Rules D. Receiver
8	What is the function of the Domain Name System (DNS)?	A. Assign IP addresses dynamically B. Monitor network traffic C. Translate domain names to IP addresses D. Secure data communication
9	What is encapsulation in the context of network communication?	A. Monitoring Network traffic B. Translating domain names to IP addresses C. Wrapping data with protocol information D. Converting data into a secure format
10	Which protocol is used for reliable data transfer in the TCP/IP mode?	A. HTTP B. FTP C. UDP D. TCP
11	Which method of data transmission uses a dedicated communication path.	A. Half Duplex B. Circuit Switching C. Packet Switching D. Full Duplex
12	Which layer of the OSI is responsible for node-to-node data transfer and error detection?	A. Physical Layer B. Data link layer C. Network layer D. Transport Layer
13	How many components of data communication?	A. 6 B. 5 C. 7 D. 8
14	Which type of network spans a large geographic area, such as a country or the world.	A. LAN B. MAN C. PAN D. WAN

15	Which layer of the OSI model is responsible for end-to-end communication and error handing?	A. Network layer B. Data Link Layer C. Transport Layer D. Application Layer
16	What is a key benefit of using compur networks in businesses?	A. Increase computational pover B. Enable resoruce sharing and efficient communaion C. Enhance graphic capabilities D. Improve software development
17	What types of network topology connect all devices to a sigle central bum	A. Star B. Mesh C. Bus D. Ring
18	DHCP stands for	A. Data Hosting computer Protocol B. Dynamic Host Computer Protocol C. Dynamic Host configuration Protocol D. None of the above
19	Which of the network is goematic representation of the relationship among the intrconnected devices.	A. Ring B. Machine C. Star D. Topology
20	Which is used to transfer files over a a network?	A. HTML B. FTP C. HTTP D. ALP