

## Introduction to Computer Networks

Sr	Questions	Answers Choice
1	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
2	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
3	Which method of data transmissin uses a dedicated communication path.	A. Half Duplx B. Circit Switching C. Pocket Switching D. Full Duplex
4	Which protocol is used for reliable data granfer in the TCP/IP mode?	A. HTTP B. FTP C. UDP D. TCP
5	What types of network topology connect all devices to a sigle central bum	A. Star B. Mesh C. Bus D. Ring
6	DHCP stands for	A. Data Hosting computer Protocol B. Dynamic Host Computer Protocol C. Dynamic Host configuration Protocol D. None of the above
7	In a ring topology, a ring can be unidirectinal or.	A. Directional B. Similar C. Bidirectional D. Main
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	In which topoloyg a computer can send data to its immediate neighbor	A. Machine B. Topology C. Ring D. Star
10	How many components of data communication?	A. 6 B. 5 C. 7 D. 8
11	Whcih layer of the OSI is responsible for node-to- node data transfer and error detection?	A. PhysicalLayer B. Data link layer C. Network layer D. Transport Layer
12	Which is used to transfer files over a a network?	A. HTML B. FTP C. HTTP D. ALP
13	What is the primary object of computer networks.	A. Increase computational B. Enable resource sharing and data communication C. Enhance graphic capabilities D. Improve software development
14	Which layer sends a message to th server connected with sender?	A. transport B. Data Link C. Physical Layer D. . . .

		D. Main
15	Which Protocol used to automatically assign IP addresses to devices on a network?	A. DNA B. ARP C. DHCP D. TCP
16	In which topology data is send either cclockwise or anticlockwise.	A. Bus B. Star C. Ring D. Single
17	Which is the physical arrangements of devices and connecting lines?	A. Procedure B. Network topology C. Computer D. Network
18	Which is the device taht initiates the communication process?	A. Networks B. Machine C. Sender D. Center
19	In IPV 4 each group can contain a decimal value from.	A. 1 to 255 B. 0 to 255 C. 2 to 255 D. 3 to 255
20	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