Introduction to Computer Networks

Sr	Questions	Answers Choice
1	How many components of data communication?	A. 6 B. 5 C. 7 D. 8
2	Which method of data transmissin uses a dedicated communication path.	A. Half Duplx B. Circit Switching C. Pocket Switching D. Full Duplex
3	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
4	Which is the device taht initiates the communication process?	A. Networks B. Machine C. Sender D. Center
5	In which topology data is send either ckockwise or anticlockwise.	A. Bus B. Star C. Ring D. Single
6	Which of the network is goematic reprsentation of the relationship among the intrconnected devices.	A. Ring B. Machine C. Star D. Topology
7	What is a key benefit of using compur networks in businesses?	A. Increase computional pover B. Enable resoruce sharing and efficient communicaion C. Enhance graphic capabilities D. Improve software development
8	In IPV 6 there are.....group separated by	A. 1 B. 5 C. 2 D. 8
9	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
10	In which topoloyg a computer can send data to its immediate neighbor	A. Machine B. Topology C. Ring D. Star
11	Which device is used to connect multiple devices within a local area Network and direct data only to the intended recipient?	A. Hum B. Router C. Repeater D. Switch
12	In a ring topology, a ring can be unidirectinal or.	A. Directional B. Similar C. Bidirectional D. Main
13	Which protocol is used to convert domain names into IP addresses?	A. DHCP B. DNS C. ARP D. IP
14	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
15	Which topology connect all devices using point to point connections via cables to a cental point is known as a Hub or Switch	A. Ring B. Machine C. Topology

		D. Star
16	Which protocol is used to transfer files over the internete securely.	A. FTP B. SMTP C. SFTP D. HTTP
17	Which layer sends a message to th server connected with sender?	A. transport B. Data Link C. Physical Layer D. Main
18	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
19	Which is the physical arrangements of devices and connecting lines?	A. Procedure B. Network topology C. Computer D. Network
20	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