

Introduction to Computer Networks

Sr	Questions	Answers Choice
1	In Bus topology single common cable is also called.	A. Hard B. Normal C. Backbone D. simple
2	What is the main purpose of a firewall in network security?	A. Convert data into a secure format B. Translate domain names C. Monitor and control network traffic D. Assign IP addresses
3	Which topology connects all devices of the network through a single common cable having exactly two end points?	A. Bus B. Ring C. Topology D. Machines
4	How many types of IP address?	A. 2 B. 3 C. 4 D. 5
5	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
6	TCP/IP is a stack of protocols and it has.....layers.	A. 2 B. 5 C. 7 D. 9
7	Which types of network spans a large geographic area, such as a country or the world.	A. LAN B. MAN C. PAN D. WAN
8	Which protocol is used for reliable data transfer in the TCP/IP mode?	A. HTTP B. FTP C. UDP D. TCP
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 device connect two or more networks and routes data between them?	A. Switch B. Router C. Modem D. Bridge
11	Which is the physical arrangements of devices and connecting lines?	A. Procedure B. Network topology C. Computer D. Network
12	What types of network topology connect all devices to a single central hub?	A. Star B. Mesh C. Bus D. Ring
13	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
14	DHCP stands for	A. Data Hosting computer Protocol B. Dynamic Host Computer Protocol C. Dynamic Host configuration Protocol D. None of the above

15	Which topology connect all devices using point to point connections via cables to a central point is known as a Hub or Switch	A. Ring B. Machine C. Topology D. Star
16	Which layer of the OSI model is responsible for end-to-end communication and error handling?	A. Network layer B. Data Link Layer C. Transport Layer D. Application Layer
17	In which topology a computer can send data to its immediate neighbor	A. Machine B. Topology C. Ring D. Star
18	Which is the device that initiates the communication process?	A. Networks B. Machine C. Sender D. Center
19	Which IP Address class is used for large networks and supports up to 16 million hosts	A. Class C B. Class D C. Class A D. Class B
20	In a ring topology, a ring can be unidirectional or.	A. Directional B. Similar C. Bidirectional D. Main