

Introduction to Computer Networks

Sr	Questions	Answers Choice
1	Which network topology connects all devices to a central hub?	A. Ring B. Star C. Mesh D. Bus
2	Which Protocol used to automatically assign IP addresses to devices on a network?	A. DNA B. ARP C. DHCP D. TCP
3	How many components of data communication?	A. 6 B. 5 C. 7 D. 8
4	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
5	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
6	Which protocol is used for reliable data transfer in the TCP/IP mode?	A. HTTP B. FTP C. UDP D. TCP
7	Which protocol is used to convert domain names into IP addresses?	A. DHCP B. DNS C. ARP D. IP
8	Which is the device that initiates the communication process?	A. Networks B. Machine C. Sender D. Center
9	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
10	Which of the following is a protocol used for email transmission?	A. FTP B. DNS C. SNMP D. SMTP
11	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
12	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
13	DHCP stands for	A. Data Hosting computer Protocol B. Dynamic Host Computer Protocol C. Dynamic Host configuration Protocol D. None of the above
14	Which of the network is graphical representation of the relationship among the interconnected devices.	A. Ring B. Machine C. Star D. Topology

15	Which is used to transfer files over a network?	A. H I M L B. FTP C. HTTP D. ALP
16	Which layer is about the physical medium used in communication, like cabling etc.	A. Application layer B. Inernet C. Physical D. Postal layer
17	Email Stand for	A. Center B. Problem C. Mail Electronic D. Electronic Mail
18	TCP/IP is a stack of protocols and it has.....layers.	A. 2 B. 5 C. 7 D. 9
19	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
20	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