**Fundamental Networks**

1. The Internet is an example of which type of network?

A. LAN

B. SAN

C. WAN

D. WLAN

2. What is the suggested maximum number of PCS in a peer-to-peer network?

A.10

B. 25

C. 50

D. 100

3. Which method of data transfer allows information to be sent and received at the same time?

A. Full Duplex

B. Half duplex

C. Multiplex

D. Simplex

4. Which dotted-decimal number is used to distinguish the network portion of the IP address from the host portion?

A. Default gateway

B. MAC address

C. Physical address

D. Subnet mask

5. Which suite of protocols is used to transmit data across the Internet?

A. AppleTalk

B. ARP

C. DNS

D. IPX/SPX

E. TCP/IP

6. Which cable type is a common choice for use on Ethernet networks?

A. Thick coaxial

B. Thin coaxial

C. STP

D. UTP

7. Which networking protocol translates a network name such as www.cisco.com into a unique IP address?

A. APIPA

B. ARP

C. DHCP

D. DNS

E. Proxy ARP

8. Which protocol maps known IP addresses to MAC addresses on a local network?

A. ARP

B. DHCP

C. FTP

D. RARP

9. A technician wants to update the NIC driver for a computer. What is the best way to find new drivers for the MC?

A. Installation media that came with the NIC

B. Windows Update

C. Website for the manufacturer of the NIC

D. The Microsoft website

1o. What is the most commonly used DSL technology? ·

A. ADSL

B. HDSL

C. IDSL

D. SDSL

E. VDSL

11. Combination of two or more networks are called

1. Internetwork
2. WAN
3. MAN
4. LAN

12. Which topology covers security, robust and eliminating traffic factor?

1. Mesh
2. Ring
3. Star
4. Bus

13. Average data rate is equals to

1. amount of data/ amount of Entries sent
2. amount of data/ time
3. time/amount of data
4. total number of bits sent/Packets

14. Elapsed time between an inquiry and a response is called.

1. Transit Time
2. Delay Time
3. Processing Time
4. Response time

15. Nodes are another name of

1. Devices
2. Links
3. Medium
4. Modes

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18. National Internet Service Provider (ISP) networks are connected to one another by private switching stations called

1. Network Access Points
2. Peering Points
3. National ISP
4. Regional ISP

19. Multipoint topology is

1. Bus
2. Star
3. Mesh
4. Ring

20. A communication path way that transfers data from one point to another is called

1. Link
2. Node
3. Medium
4. Topology

21. If a computer in a network accesses resources that are shared by other computers it is called a

1. server
2. client
3. receiver
4. sender

22. In computer network, short message that travels around communication medium is called

1. ring
2. star
3. mesh
4. token

23. Arrangement of computer network nodes and connections between them is called

1. network's topology
2. network's layout
3. both A and B
4. network's link

24. Network topology in which you connect each node to network along a single piece of network cable is called

1. bus topology
2. ring topology
3. star topology
4. mesh topology

25. Computer network topology which uses routers is

1. bus
2. ring
3. mesh
4. tree

**Answers**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **c** | **13** | **b** |
| **2** | **a** | **14** | **d** |
| **3** | **A** | **15** | **a** |
| **4** | **D** | **16** | **a** |
| **5** | **E** | **17** | **a** |
| **6** | **D** | **18** | **b** |
| **7** | **D** | **19** | **a** |
| **8** | **A** | **20** | **a** |
| **9** | **C** | **21** | **b** |
| **10** | **A** | **23** | **d** |
| **11** | **a** | **23** | **c** |
| **12** | **a** | **24** | **a** |
|  |  | **25** | **c** |