

## Questions and Answers

1. Which of the following is NOT a type of transmission media?  
A. Coaxial      B. Twisted Pair      C. Modem      D. Microwave
2. The office gave you a mobile device to access its VPN, email and messaging services. You are the proud owner of a/an:  
A. I pod      B. Web cam      C. Flash Drive      D. Smart Phone
3. The company offers you the ability to surf the web from your home, check email and download software, you have just subscribed to:  
A. An Internet Service Provider      B. Flow      C. Lime      D. Internet Development Company
4. Persons at a downtown cafe realized that they were able to access the internet on their laptops. The Cafe could be considered a:  
A. Metropolitan Area Network      B. Hot spot      C. Local Area Network      D. Satellite
5. Which of the following items CANNOT be sent via email?  
A. Text Documents      B. Parcels      C. Sound Filters      D. Graphics Images
6. Which of the following item is used to create a webpage?  
A. Home Page and Website      B. HTML and Authoring Tool      C. ISP and Web Browser      D. Internet and URL
7. Which of the following technologies does not facilitate the transferring of data between computers in adjacent buildings?  
A. Fibre Optic      B. Blue Tooth      C. Twisted Pair      D. Microwave
8. A group of persons who share a common interest and communicate by posting message and replies on the internet are referred to as a/an:  
A. Podcast      B. Newsgroup      C. Uploader      D. Surfer

9. Uploading and downloading data to or from a remote computer is done using:

- A. File Transfer Protocol      B. Inter relay chat      C. Blogging      D. Instant messaging

10. Each Website on the internet can be accessed by entering a unique address. This address is referred to as the:

- A. HTTP      B. HTML      C. FTP      D. URL

11. Which type of network element has a larger storage capacity than the other elements?

- A. Print server      B. Client      C. Peer      D. File server

12. What do you call the board that you fit into an expansion bay at the back of the computer so the computer can be connected to network?

- A. NIC, or Network Interface Card      B. NBI, or Network Bonding Instrument  
C. Motherboard      D. Snow board

13. An advantage of using LAN is that ...?

- A. The users are at risk for getting a virus.      B. All the resources can be shared with the others.      C. The network is inexpensive to maintain.      D. Well... there is no REAL advantage.

14. Local area networks are big enough to cover what area?

- A. A single house      B. A single department      C. A single office building  
D. All of the above

15. This is the simplest wired transmission cable, since it has no aluminium mesh protection around the two core copper wires.

- A. Fibre Optic Cable      B. Microwave Transmission      C. Twisted Pair Cable      D. Coaxial Cable

16. Communication within the computer, moderated by the processor is \_\_\_\_\_, happening in regular intervals.
- A. Synchronical      B. Asynchronous      C. Asymmetrical      D. Synchronous
17. Which of the following are types of computer networks?
- A. LAN, NAN, WAN    B. WAN, ring, star, bus      C. Old boys' network, old girls' network, business associates    D. Extranet, intranet, LAN, WAN
18. Which of the following is the best description of the transmission directions possible in a network?
- A. Simplex, half-duplex, full duplex    B. Simplex, half-duplex, full duplex, duplex  
C. Half duplex, 2/3 duplex, full duplex      D. Duplex, half duplex, 1/4 duplex
19. Which of the following is NOT a list of network topologies?
- A. Star, bus, ring      B. Star, ring, hybrid      C. Bus, ring, double ring, hexagon  
D. Ring, mesh, star, bus
20. Which network topology has a central device which brings all the signals together?
- A. Bus      B. Star      C. Ring      D. Hybrid
21. Which network topology requires terminators at the ends of the lines?
- A. Ring      B. Bus      C. Star      D. Mesh
22. Sampling is process to convert \_\_\_\_\_ to \_\_\_\_\_
- A. Analog signal to digital signal      B. Continous time signal to discrete time signal  
C. Signal to message      D. None of the above
23. If even parity is being used then the value of parity bit should be \_\_\_\_\_ for data sequence 101010.
- A. 1      B. 0      C. 2      D. 3

24. Asynchronous transmission is \_\_\_\_\_ efficient as compared to synchronous transmission.

- A. More      B. Equally      C. Less      D. None

25. The ratio of data rate R, to transmission bandwidth is referred to as the:

- A. Baud Rate      B. Bandwidth efficiency      C. Signal efficiency      D. Bit Rate Efficiency

26. If the value of checksum is 0, then the message is:

- A. Accepted      B. Rejected      C. Sendback      D. None of these

27. Asynchronous transmission is \_\_\_\_\_ efficient as compared to synchronous transmission.

- A. More      B. Equally      C. Less      D. None

28. It provides the functional and procedural means to transfer data between network entities in the layered architecture.