INTERNET QUESTIONS

1. What is a "client" in the context of the internet?

- A) A device that provides resources to other devices
- B) A device that requests services or resources from a server
- C) A protocol for transmitting data
- D) A software that encrypts data

2. What role does a "server" play in an internet-based communication system?

- A) It sends requests for data to other devices
- B) It stores and provides resources or services to clients
- C) It secures data transmissions
- D) It acts as a router between networks

3. Which of the following is a common protocol used for transferring web pages over the Internet?

- A) HTTP

- B) TCP
- C) UDP
- D) DNS

4. What does the "HTTP" protocol stand for?

- A) HyperText Transfer Protocol
- B) High Transfer Transmission Protocol
- C) Hyper Transfer Text Protocol
- D) HyperText Transmission Protocol

5. Which of the following is true about a DSL modem?

- A) It provides wireless internet connectivity
- B) It converts digital data into an analog signal for transmission over phone lines
- C) It provides local network routing capabilities
- D) It manages the firewall settings of a network

6. Which component is responsible for managing traffic between a client and a server on the internet?

- A) Router
- B) DSL modem
- C) Protocol

- D) Firewall

7. What does ICS (Internet Connection Sharing) allow a device to do?

- A) Share internet access from one device with other devices on a local network
- B) Encrypt data for secure transmission over the internet
- C) Block malicious traffic from reaching a network
- D) Provide email and web hosting services

8. Which of the following devices would be most commonly used to share an internet connection within a local network?

- A) Server
- B) Firewall
- C) ICS-enabled router
- D) Modem

9. What is the primary function of a firewall in a network?

- A) To provide internet access

- B) To route traffic between local and external networks
- C) To protect a network by filtering and blocking unauthorized access
- D) To store and retrieve network files

10. Which of the following best describes a protocol in terms of internet communication?

- A) A physical device used for data transmission
- B) A set of rules that governs how data is transmitted over a network
- C) A firewall feature that blocks malicious traffic
- D) A device that stores information on a network

11. In a client-server model, who initiates the request for data?

- A) The server
- B) The firewall
- C) The client
- D) The protocol

12. Which protocol is commonly used for secure web communication over the internet?

- A) HTTP
- B) HTTPS
- C) FTP
- D) TCP/IP

13. Which of the following is a characteristic of a DSL modem?

- A) It converts digital signals to light pulses for fiber optic communication
- B) It allows internet access over a phone line without interfering with voice calls
- C) It provides wireless internet access
- D) It is used to connect to satellite-based internet networks

14. What is one of the primary purposes of Internet Connection Sharing (ICS)?

- A) To encrypt data during transmission

- B) To allow multiple devices on a local network to share a single internet connection
- C) To provide a backup connection when the main internet line fails
- D) To block unauthorized websites

15. Which of the following is an example of a server in the context of the internet?

- A) A laptop that sends a request for a website
- B) A computer that hosts a website or provides services to clients
- C) A smartphone accessing data from the internet
- D) A home router distributing internet to devices

16. How does a firewall enhance network security?

- A) By speeding up internet connections
- B) By controlling the amount of internet data transferred
- C) By preventing unauthorized access to or from a private network
- D) By sharing internet connections among multiple devices

17. What type of internet connection typically uses a DSL modem?

- A) Fiber-optic connection
- B) Satellite connection
- C) Broadband connection via telephone lines
- D) Wireless broadband connection

18. Which of the following is true about how the client-server model works?

- A) The client manages the storage of data
- B) The server processes and delivers requests made by clients
- C) Both the client and server process data independently
- D) The client must store all the data in a client-server architecture

19. What type of traffic does a firewall typically monitor?

- A) Only incoming network traffic
- B) Only outgoing network traffic

- C) Both incoming and outgoing network traffic
- D) Local traffic between devices in the same network

20. Which of the following protocols is used for file transfers between systems on a network?

- A) HTTP
- B) FTP
- C) HTTPS
- D) DNS