

1. What is the difference between IPv4 and IPv6?

- A. IPv4 is faster
- B. IPv6 is older
- C. IPv4 is more secure
- D. IPv6 has a larger address space

ANSWER: D

2. What is the POST method used for?

- A. Retrieving data from a server
- B. Sending data to a server
- C. Updating data on a server
- D. Deleting data from a server

ANSWER: B

3. What is the purpose of port 110?

- A. HTTP
- B. FTP
- C. POP3
- D. SMTP

ANSWER: C

4. What is thermal paste used for?

- A. Cooling the CPU
- B. Protecting against static electricity
- C. Cleaning the keyboard
- D. Lubricating moving parts

ANSWER: A

5. What is the role of a reverse proxy?

- A. To monitor outgoing traffic
- B. To provide access control
- C. To distribute incoming requests to multiple servers
- D. To cache web content

ANSWER: C

6. What is latency?

- A. The time taken for a data packet to travel from one point to another
- B. The error rate of a communication channel
- C. Amount of data that can be transmitted over a communication channel in a given amount of time
- D. The type of network topology

ANSWER: A

7. What is the difference between TCP and UDP?

- A. TCP is connection-oriented, UDP is connectionless
- B. TCP is slower than UDP
- C. TCP is unreliable, UDP is reliable
- D. TCP is used for video streaming, UDP is used for email

ANSWER: A

8. Which amongst these is a valid Class B IP address?

- A. 192.168.0.1
- B. 10.1.1.1
- C. 172.16.0.1
- D. 224.0.0.1

ANSWER: C

9. Which layer of the OSI model is responsible for logical addressing?

- A. Data Link
- B. Network
- C. Transport
- D. Physical

ANSWER: B