

MIS5214

Week 2

Your Name _____
Date _____

1. Which of the following terms refers to the method that allows or restricts specific types of packets from crossing over the firewall?

- A. Hacking
- B. Packet filtering
- C. Web caching
- D. Spoofing

2. You work as a Network Administrator for NetTech Inc. The company wants to encrypt its e-mails. Which of the following will you use to accomplish this?

- A. PGP
- B. PPTP
- C. IPSec
- D. NTFS

3. Peter works as a Network Administrator for Net World Inc. The company wants to allow remote users to connect and access its private network through a dial-up connection via the Internet. All the data will be sent across a public network. For security reasons, the management wants the data sent through the Internet to be encrypted. The company plans to use a Layer 2 Tunneling Protocol (L2TP) connection. Which communication protocol will Peter use to accomplish the task?

- A. IP Security (IPSec)
- B. Microsoft Point-to-Point Encryption (MPPE)
- C. Pretty Good Privacy (PGP)
- D. Data Encryption Standard (DES)

4. Which of the following protocols multicasts messages and information among all member devices in an IP multicast group?

- A. ARP
- B. ICMP
- C. TCP
- D. IGMP

5. Which of the following is used to authenticate asymmetric keys?

- A. Digital signature
- B. MAC Address
- C. Demilitarized zone (DMZ)
- D. Password

6. IPsec VPN provides a high degree of data privacy by establishing trust points between communicating devices and data encryption.

Which of the following encryption methods does IPsec VPN use? Each correct answer represents a complete solution. Choose two.

- A. MD5
- B. LEAP
- C. AES
- D. 3DES

7. A user is sending a large number of protocol packets to a network in order to saturate its network in order to saturate its resources and to disrupt connections to prevent communications between services. Which type of attack is this?

- A. Denial-of-Service attack
- B. Vulnerability attack
- C. Social Engineering attack
- D. Impersonation attack

8. You want to implement a network topology that provides the best balance for regional topologies in terms of the number of virtual circuits, redundancy, and performance while establishing a WAN network. Which of the following network topologies will you use to accomplish the task?

- A. Bus topology
- B. Fully meshed topology
- C. Star topology
- D. Partially meshed topology

9. Which of the following protocols is an alternative to certificate revocation lists (CRL) and allows the authenticity of a certificate to be immediately verified?

- A. RSTP
- B. SKIP
- C. OCSP
- D. HTTP

10. Which of the following does PEAP use to authenticate the user inside an encrypted tunnel? Each correct answer represents a complete solution. Choose two.

- A. GTC
- B. MS-CHAP v2
- C. AES
- D. RC4