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