1. You need a network that provides centralized authentication for your users. Which of the following logical topologies should you use?

A. VLANs

B. Peer-to-peer

C. Client/Server

D. Mesh

2. Which of the following physical topologies has the least likelihood of having a collision?

A. Bus

B. Start

C. Ring

D. Mesh

3. You want to remotely log into an office computer using remote desktop in a secure manner. Which of the following should you use?

A. VPN

B. Tagged packets

C. VLANs

D. Telnet

E. SSH

4. Which of the following is a concern when using peer-to-peer networks?

A. Where to place the server

B. Whose computer is least busy and can act as the server

C. The security associated with such a network

D. Having enough peers to support creating such a network

5. Which of the following is an example of a LAN?

A. Ten buildings interconnected by Ethernet connections over fiber-optic cabling

B. Ten routers interconnected by frame-relay circuits

C. Two routers interconnected with a T1 circuit

D. A computer connected to another computer so they can share resources

6. What is a difference between a LAN and a WAN?

A. WANs need a special type of router port.

B. WANs cover larger geographical areas.

C. WANs can utilize either private or public data transport.

D. All of the above.

7. In what type of network are all computers considered equals and do they not share any central authority?

A. Peer-to-peer

B. Client-server

C. Physical topology

D. None of the above

8. An example of a hybrid network is which of the following?

A. Ethernet

B. Ring topology

C. Bus topology

D. Star topology

9. Which type of topology has the greatest number of physical connections?

A. Point-to-multipoint

B. Star

C. Point-to-point

D. Mesh

10. Which network topology is a combination of two or more types of physical or two or more types of logical topologies?

A. Point-to-multipoint

B. Hybrid

C. Bus

D. Star