Lesson 4 Quiz

Circle the correct response for each question.

1. Which of the following describes a local area network (LAN)?
   a. The protocol used for sending outgoing e-mail
   b. Computers connected within a small geographic area
   c. A network connection within a large city or multiple small cities
   d. Used to share information with external businesses or individuals

2. Which is the largest type of network?
   a. Home network
   b. Local area network (LAN)
   c. Wide area network (WAN)
   d. Metropolitan area network (MAN)

3. What is an intranet?
   a. The global network used to transfer data all over the world
   b. A network used exclusively by internal employees of a company
   c. A group of computers connected within a small geographic area
   d. A network used to share information with external businesses or individuals

4. Which network topology is connected by a single network device?
   a. Bus
   b. Star
   c. Ring
   d. Mesh

5. Which network model is the least secure?
   a. Client/server network
   b. Local area network (LAN)
   c. Peer-to-peer (P2P) network
   d. Mainframe/terminal network
6. What is formed when Bluetooth devices are paired with one another?
   a. Local area network (LAN)
   b. Wide area network (WAN)
   c. Personal area network (PAN)
   d. Metropolitan area network (MAN)

7. Which network device sends data to every device that is connected to it?
   a. Hub
   b. Router
   c. Switch
   d. Modem

8. Which protocol is used to connect to the Internet?
   a. POP
   b. IMAP
   c. SMTP
   d. TCP/IP

9. Which device is used to connect LANs to each other?
   a. Routers
   b. Hubs
   c. Access Points
   d. Gateways

10. How many layers are there in the OSI reference model?
    a. 7
    b. 4
    c. 5
    d. 9