

## *Quizzes: Chapter 06*

1. The TCP/IP model has \_\_\_\_\_ layers.
  - a. five
  - b. six
  - c. seven
  - d. eight**Correct Answer: (a)**
  
2. The \_\_\_\_\_ layer of the TCP/IP protocol suite provides services for end users.
  - a. data-link
  - b. transport
  - c. application
  - d. physical**Correct Answer: (c)**
  
3. The \_\_\_\_\_ layer of the TCP/IP protocol suite transmits a bit stream over a physical medium.
  - a. physical
  - b. data-link
  - c. network
  - d. transport**Correct Answer: (a)**
  
4. The \_\_\_\_\_ layer of the TCP/IP protocol suite is responsible for node-to-node delivery of a frame between two adjacent nodes.
  - a. transport
  - b. network
  - c. data-link

d. session

**Correct Answer: (c)**

5. The \_\_\_\_\_ layer of the TCP/IP protocol suite is responsible for source-to-destination delivery of the entire message.

a. transport

b. network

c. data-link

d. session

**Correct Answer: (b)**

6. What is the domain name in the e-mail address *kayla@nasa.gov*?

a. kayla

b. kayla@nasa.gov

c. nasa.gov

d. gov

**Correct Answer: (c)**

7. Which physical topology uses a hub or switch?

a. bus

b. ring

c. star

d. bus and ring

**Correct Answer: (c)**

8. IP addresses are currently \_\_\_\_\_ bits in length.

a. 4

b. 8

c. 32

d. 40

**Correct Answer: (c)**

9. \_\_\_\_\_ protocol (s) is one of the protocols in the transport layer.

a. Only TCP

b. Only UDP

c. Only SCTP

**d.** TCP, UDP, and SCTP

**Correct Answer: (d)**

**10.** \_\_\_\_\_ is a protocol for file transfer.

**a.** FTP

**b.** SMTP

**c.** TELNET

**d.** HTTP

**Correct Answer: (a)**

**11.** \_\_\_\_\_ is a protocol for e-mail services.

**a.** FTP

**b.** SMTP

**c.** TELNET

**d.** HTTP

**Correct Answer: (b)**

**12.** \_\_\_\_\_ is a protocol for accessing and transferring documents on the WWW.

**a.** FTP

**b.** SMTP

**c.** TELNET

**d.** HTTP

**Correct Answer: (d)**

