

1 Communication at the data-link layer is \_\_\_\_\_.

- A) end-to-end
- B) node-to-node
- C) process-to-process
- D) None of the choices are correct

2 A \_\_\_\_\_ is a local address. Its jurisdiction is over a local network.

- A) link-layer address
- B) logical address
- C) port number
- D) None of the choices are correct

3 If the sender is a host and wants to send a packet to another host on the same network, the logical address that must be mapped to a physical address is \_\_\_\_\_.

- A) the destination IP address in the datagram header
- B) the IP address of the router found in the routing table
- C) the source IP address
- D) None of the choices are correct

4 If the sender is a host and wants to send a packet to another host on another network, the logical address that must be mapped to a physical address is \_\_\_\_\_.

- A) the destination IP address in the datagram header
- B) the IP address of the router found in the routing table
- C) the source IP address
- D) None of the choices are correct

5 The sender is a router that has received a datagram destined for a host on another network. The logical address that must be mapped to a physical address is \_\_\_\_\_.

- A) the destination IP address in the datagram header
- B) the IP address of the router found in the routing table
- C) the source IP address
- D) None of the choices are correct

6 The sender is a router that has received a datagram destined for a host in the same network. The logical address that must be mapped to a physical address is \_\_\_\_\_.

- A) the destination IP address in the datagram header
- B) the IP address of the router found in the routing table
- C) source IP address
- D) None of the choices are correct

7 An ARP reply is normally \_\_\_\_\_.

- A) broadcast
- B) multicast
- C) unicast
- D) None of the choices are correct

8 An ARP request is normally \_\_\_\_\_.

- A) broadcast
- B) multicast
- C) unicast
- D) None of the choices are correct

9 A packet at the data-link layer is normally called a \_\_\_\_\_.

- A) datagram
- B) message
- C) frame
- D) None of the choices are correct

10 In a \_\_\_\_\_ link, the link is not shared between devices.

- A) broadcast
- B) point-to-point
- C) multicast
- D) None of the choices are correct

11 In a \_\_\_\_\_ link, the link is shared between many devices.

- A) broadcast
- B) point-to-point
- C) unicast
- D) None of the choices are correct

12 Data-link layer of a broadcast link has \_\_\_\_\_ sublayer(s).

A) one

B) two

C) no

D) None of the choices are correct

13 Data-link layer of a point-to-point link has \_\_\_\_\_ sublayer(s).

A) one

B) two

C) no

D) None of the choices are correct

14 Media access control can be presented only in a \_\_\_\_\_ link(s).

A) point-to-point

B) multicast

C) both point-to-point and multicast

D) None of the choices are correct