Started on	Friday, 7 July 2023, 4:00 PM
State	Finished
Completed on	Friday, 7 July 2023, 4:14 PM
Time taken	13 mins 54 secs
Grade	**8.00** out of 10.00 (**80**%)

Question 1

Complete   Mark 1.00 out of 1.00

Which layer of the OSI model is responsible for MAC?

Select one:

○ A. **Network Layer**

◉ B. **Data Link Layer**

○ C. **Transport Layer**

○ D. **Physical Layer**

The correct answer is: Data Link Layer

Question 2

Complete   Mark 1.00 out of 1.00

In Bit-oriented framing, the size of Flag is

Select one:

○   A. 5 bits

○   B. 6 bits

◉   C. 8 bits

○   D. 1 bit

The correct answer is: 8 bits

Question 3

Complete   Mark 1.00 out of 1.00

Which of the following technologies typically uses CSMA/CD?

Select one:

○   A. **Token Ring**

○   B. **Asynchronous Transfer Mode (ATM)**

◉   C. **Fast Ethernet (100BASE-TX)**

○   D.

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Bluetooth
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The correct answer is: Fast Ethernet (100BASE-TX)

Question 4

Complete   Mark 1.00 out of 1.00

Which of the following statements is/are true for connectionless network?

Select one:

○ A. Randomly packets distributed

○ B. None of the above

○ C. Not required so much information for storing

○ D. No need to established a connection

◉ E. All of the above

The correct answer is: All of the above

Question 5

Complete   Mark 1.00 out of 1.00

In Asynchronous Balanced Mode (ABM), the station configuration is _____.

Select one:

○ A. Unbalanced

◉ B. Balanced

○ C. Undefined

○ D. Zero

The correct answer is: Balanced

Question 6

Complete   Mark 1.00 out of 1.00

A _____ is the physical path over which a message travels.

Select one:

○ A. Medium

○ B.
  Route

○ C. Path

○ D.
  Protocol

The correct answer is: Medium

Question 7

Complete   Mark 0.00 out of 1.00

In a packet switching network, if the message size is 48 bytes and each packet contains a header of 3 bytes. If 24 packets are required to transmit the message, the packet size is__

Select one:

○ A. 4 bytes

○ B. 3 bytes

○ C. 8 bytes

○ D. 5 bytes

The correct answer is: 5 bytes

Question 8

Complete   Mark 1.00 out of 1.00

The frame type not supported by HDLC is

Select one:

○   A. Information Frame

○   B. Unnumbered Frame

○   C. Supervisory Frame

◉   D. Synchronization frame

The correct answer is: Synchronization frame

Question 9

Complete   Mark 0.00 out of 1.00

In a Network, the routers are used to implement_____

Select one:

○   A. Routing Algorithms

○   B.
Routing Table Creation

◉   C.
a, b, and C

○   D. Both a and b

○   E.
Forwarding

The correct answer is: Both a and b

Question 10

Complete   Mark 1.00 out of 1.00

Timing of the signal is not important in

Select one:

○   A. Synchronous transmission

○   B.
     Parallel transmission

◉   C.
     Asynchronous transmission

○   D. Isochronous transmission

The correct answer is:

Asynchronous transmission

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