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CORRECT ANSWER SOLVED BY HADI
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TEAM HADI(VU LAHORE)

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WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



In _____, network occupies the smaller area like a room, a floor or a building.

Answer (Please select your correct option)

LAN

correct

WAN

MAN

Wireless WAN

Start Time: 11:16 AM

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In which type of network topology, computers are connected to a central device?

Answer (Please select your correct option)

☐ Ring correct

☐ Mesh

☐ Bus

☐ Star

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The term _____ refers to the general concept of a small block of data in a computer network.

Answer (Please select your correct option)

☐ Packet

correct

☐ Byte

☐ Cell

☐ Information

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_____ is the scheme, which is designed to help in detecting transmission errors by sending one extra bit of information with each character.

Answer (Please select your correct option)

☐ Parity checking

correct

☐ Checksums

☐ CRC

☐ LRC

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_____ have advantages arisen from the size and ease of computation.

Answer (Please select your correct option)

☐ CRC

☐ Parity

☒ Checksums

☐ VRC

correct

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The Fast Ethernet hardware operates at a rate of _____.

Answer (Please select your correct option)

☐ 10 Mbps

☐ 100 Mbps

☐ 1000 Mbps

☐ 1 Gbps

correct

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The Gigabit Ethernet hardware operates at a rate of _____.

Answer (Please select your correct option)

☐ 10 Mbps

☐ 100 Mbps

☐ 1000 Mbps

☐ 10 Gbps

correct

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Wireless LAN uses _____ as a media access method.

Answer (Please select your correct option)

☐ CSMA/CD

☒ CSMA/CA

☐ Token Passing

☐ CSMA

correct

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The _____ relies on the hardware manufacturer to assign a unique physical address to each network interface.

Answer (Please select your correct option)

- ☐ Static addressing scheme
- ☐ Configurable addressing scheme
- ☐ Dynamic addressing scheme
- ☐ Dynamic Configurable addressing scheme

correct

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IEEE LLC/SNAP header is consist of _____ which is used to specify the type of data.

Answer (Please select your correct option)

☐ 8 octets

correct

☐ 10 octets

☐ 12 bytes

☐ 16 bits

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Formally named _____ is informally known as the twisted pair Ethernet or TP Ethernet.

Answer (Please select your correct option)

☐ 10 Base 2

☐ 10 Base 5

☐ 10 Base T

☐ 100 Base T

correct

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_____ senses a signal on a cable and then transmits an amplified copy of the signal.

Answer (Please select your correct option)

- ☐ Bridge
- ☐ Hub
- ☐ Transceiver
- ☐ Repeater

correct

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Generally a Bridge is used to perform _____.

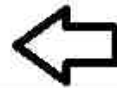
Answer (Please select your correct option)

☐ Extend a LAN, Filter and Forward a packet.

☐ Routing.

☒ Filter and Forward a frame

☐ Filter and Forward a packet



correct

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Which of the following is not used to extend LAN ?

Answer (Please select your correct option)

- ☐ Bridge
- ☐ Repeater
- ☐ Fiber modem
- ☐ HUB

correct

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If a bridge is unable to find _____ in its table then it just forwards frames to the other segment.

Answer (Please select your correct option)

☐ IP address

☐ Destination address

☐ Source address

☐ Port address

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Most WAN systems include a mechanism that can be used to eliminate the common case of duplication routing is called _____.

Answer (Please select your correct option)

☐ Dynamic route

☐ Hierarchal address

☐ Default route

☐ Shortest path

correct

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The working of connection-oriented service for networking is similar to the _____.

Answer (Please select your correct option)

☐ Ethernet

☒ Telephone

☐ IP

☐ UDP

correct

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ATM assigns each VC a _____ identifier which is divided into two parts to produce a hierarchy.

Answer (Please select your correct option)

☐ 23-bit

☒ 24-bit

☐ 21-bit

☐ 22-bit

correct

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_____ is used for delay sensitive applications requiring high data rate.

Answer (Please select your correct option)

☐ Constant Bit Rate (CBR) service

correct

☐ Variable Bit Rate (VBR) service

☐ Available Bit Rate (ABR) service

☐ Uniform Bit Rate (UBR) service

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Header of cell takes _____ of network capacity.

Answer (Please select your correct option)

☐ 5%

☒ 10%

☐ 12%

☐ 15%

correct

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Network operator needs a temporary virtual circuit for his network. Which type of ATM virtual circuit is most appropriate in this situation?

Answer ([Please click here to Add Answer](#))



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Describe two major components of thick Ethernet.

Answer ([Please click here to Add Answer](#))



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If a packet switch does not check header's source information then how it can be beneficial for routing? Write any three benefits.

Answer ([Please click here to Add Answer](#))



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Is it necessary to use terminator at both ends of thin Ethernet cable? Give your answer with at least two reasons.

Answer ([Please click here to Add Answer](#))



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Suppose, as a Network Administrator of XYZ organization you are given a task to develop a network in a limited area with low cost, then which wiring scheme will you use? Justify your answer with four solid reasons.

Answer ([Please click here to Add Answer](#))



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Star textile has multiple LANs with packet switches. It is required that if any link goes down/breakup, the entire network traffic should arrive to respective destination smoothly. Which routing method will meet this requirement? Give at least three reasons to support your answer.

Answer ([Please click here to Add Answer](#))



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