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

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Start Time: 11:16 AM

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 — correct
- VRC

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The Fast Ethernet hardware operates at a rate of _____.

Answer (Please select your correct option)

- 10 Mbps
- 100 Mbps — correct
- 1000 Mbps
- 1 Gbps

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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

correct

- 10 Gbps

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Start Time: 11:16 AM

Wireless LAN uses _____ as a media access method.

Answer (Please select your correct option)

- CSMA/CD
- CSMA/CA

correct

- Token Passing
- CSMA

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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

correct

- Configurable addressing scheme
- Dynamic addressing scheme
- Dynamic Configurable addressing scheme

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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 — correct
- 100 Base T

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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

correct

- Filter and Forward a packet

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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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Start Time: 11:16 AM

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

correct

- Shortest path

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

Answer (Please select your correct option)

- Ethernet
- Telephone

correct

- IP
- UDP

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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

correct

- 21-bit
- 22-bit

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Start Time: 11:16 AM

_____ 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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Start Time: 11:16 AM

Header of cell takes _____ of network capacity.

Answer (Please select your correct option)

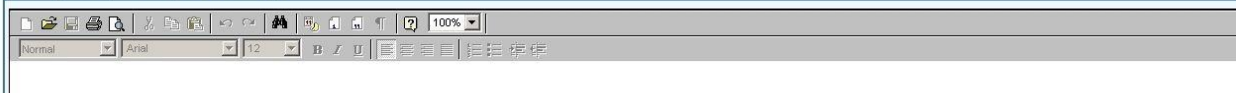
- 5%
- 10% — correct
- 12%
- 15%

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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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Start Time: 11:16 AM

Describe two major components of thick Ethernet.

Answer (Please click here to Add Answer)

Start Time: 11:16 AM

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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)

Start Time: 11:16 AM

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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)

Start Time: 11:16 AM

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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)

Start Time: 11:16 AM

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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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