

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

Answer (Please select your correct option)

- LAN
- WAN
- MAN
- Wireless WAN

correct

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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
- Mesh
- Bus
- Star

correct

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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
- Byte
- Cell
- Information

correct

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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
- Checksums
- CRC
- LRC

correct

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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

correct

10 Gbps

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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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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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_____ 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%

correct

12%

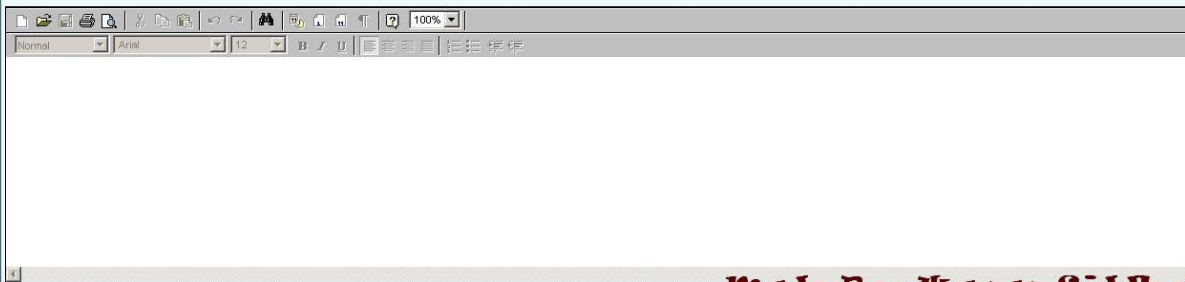
15%

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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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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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