Question No : 1 of 26 Marks: 1 (Budgeted Time 1 Min)

ATM was designed for _____ and use a_____

Answer (Please select your correct option)

- LANs, Connectionless service paradigm
- WANs, Connectionless service paradigm
- Both LANs and WANs, Connectionless service paradigm
- Both LANs and WANs, Connection-oriented service paradigm

correct

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Question No : 2 of 26 Marks: 1 (Budgeted Time 1 Min)

In Point-to-Point type of topologies there are two topologies _____.

Answer (Please select your correct option)

- Tree and Ring
- Star and Ring
- Star and Tree

correct

- Bus and Mesh

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Question No : 3 of 26 Marks: 1 (Budgeted Time 1 Min)

In ---------, network occupies larger areas like cities & countries.

Answer (Please select your correct option)

- LAN
- WAN

correct

- MAN
- CAN

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Question No : 4 of 26 Marks: 1 (Budgeted Time 1 Min)

Hardware that calculates a CRC uses two simple components.

Answer (Please select your correct option)

- AND unit with XOR unit
- Shift register with XOR unit

correct

- Shift register with AND unit
- Shift register with shift XOR unit

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Question No : 5 of 26 Marks: 1 (Budgeted Time 1 Min)

A network that uses a ------ usually consist of a single long cable to which computers attach.

Answer (Please select your correct option)

- Star Topology
- Ring Topology
- Bus Topology

correct

- Tree Topology

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Question No : 6 of 26 Marks: 1 (Budgeted Time 1 Min)

A ---------- provides mechanism that a customer can use to set a physical address.

Answer (Please select your correct option)

- Static addressing scheme
- Configurable addressing scheme

correct

- Dynamic addressing scheme
- Masking

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Question No : 7 of 26 Marks: 1 (Budgeted Time 1 Min)

Formally named _____ informally known as the thick wire Ethernet or Thick net.

Answer (Please select your correct option)

- 10 Base 2
- 10 Base 5
- 10 Base T

correct

- 100 Base T

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Question No : 8 of 26 Marks: 1 (Budgeted Time 1 Min)

Preamble field in Ethernet frame consist of _____bits.

Answer (Please select your correct option)

- 8
- 32

correct

- 48
- 64

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Question No : 9 of 26 Marks: 1 (Budgeted Time 1 Min)

A bridge functions in the _____ layer(s).

Answer (Please select your correct option)

- Physical

correct

- Data link
- Network and Data link
- Physical and Data link

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Question No : 10 of 26 Marks: 1 (Budgeted Time 1 Min)

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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Question No : 11 of 26 Marks: 1 (Budgeted Time 1 Min)

_____ technology can support both LAN and WAN connections.

Answer (Please select your correct option)

- Frame relay
- Ethernet
- SMDS
- ATM

correct

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Question No : 12 of 26 Marks: 1 (Budgeted Time 1 Min)

One repeater _____, two repeaters _____ the maximum cable length limitation.

Answer (Please select your correct option)

- Square root, Cube root
- Double, Triple

correct

- Triple, Quad
- Double, Quad

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Question No : 13 of 26 Marks: 1 (Budgeted Time 1 Min)

_____is used for compressed audio and video where the data rate is related to level of compression.

Answer (Please select your correct option)

- Constant Bit Rate (CBR) service
- Variable Bit Rate (VBR) service

correct

- Available Bit Rate (ABR) service
- Uniform Bit Rate (UBR) service

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Question No : 14 of 26 Marks: 1 (Budgeted Time 1 Min)

_____ is used for ordinary data.

Answer (Please select your correct option)

- Available Bit Rate (ABR) service

correct

- Uniform Bit Rate (UBR) service
- Constant Bit Rate (CBR) service
- Variable Bit Rate (VBR) service

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Question No : 15 of 26 Marks: 1 (Budgeted Time 1 Min)

_____ sends a message to a remote computer and reports whether the computer responds.

Answer (Please select your correct option)

- Telnet
- Ping
Ping

correct

- Traceroute
- ICMP

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Question No : 16 of 26 Marks: 1 (Budgeted Time 1 Min)

A network with throughput T and delay D would have a total no of _____ bits in transit at any time.

Answer (Please select your correct option)

- T + D
- T x D/Unit Time
- T / D
- T x D

correct

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Question No : 17 of 26 Marks: 1 (Budgeted Time 1 Min)

A network that permits many sources to take turns accessing a shared communication resource is providing a form of _____.

Answer (Please select your correct option)

- Phase Division Multiplexing
- Time Division Multiplexing
- Frequency Division Multiplexing
- Wave Division Multiplexing

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Question No : 18 of 26 Marks: 1 (Budgeted Time 1 Min)

A network which is based on packets uses a computer which may have _____, memory and_____ for switching.

Answer (Please select your correct option)

- Administration Rights, Algorithm
- Source address, Destination address
- Interface, Program
- Input, Output

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Question No : 19 of 26 Marks: 1 (Budgeted Time 1 Min)

In direct point to point communication adding the N^{th} computer requires_____ new connections.

Answer (Please select your correct option)

- N(N - 1)
- N^2
- N - 1
- $(N^2 - N)/2$

correct

Made By: Waqar Siddhu

Question No : 20 of 26 Marks: 1 (Budgeted Time 1 Min)

Computers attached to an ethernet use _____ in which a computer waits for the Ether to be idle before transmitting a frame.

Answer (Please select your correct option)

- CSMA/CD

correct

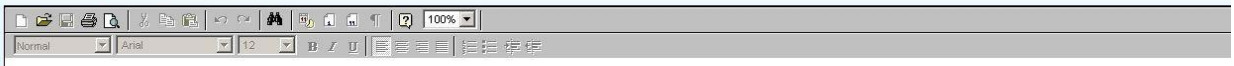
- CSMA/CA
- Token Passing
- Round Robin

Made By: Waqar Siddhu

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

A local telephone company wants to connect the LANs in all its offices throughout a city. For this case which network category would be used?

Answer (Please click here to Add Answer)

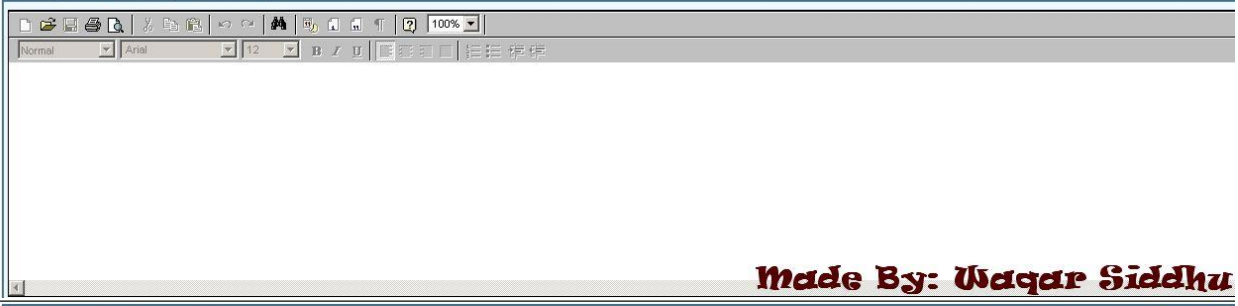


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Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

As you know ATM network specifies a 24 bits VPI/VCI connection identifier, how many bits VPI and VCI occupies individually?

Answer (Please click here to Add Answer)



Made By: Waqar Siddhu

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

ATM provides the best support for multiple services. Due to which reasons ATM is not adopted as a single underline technology? Give any three reasons to justify your answer.

Answer (Please click here to Add Answer)

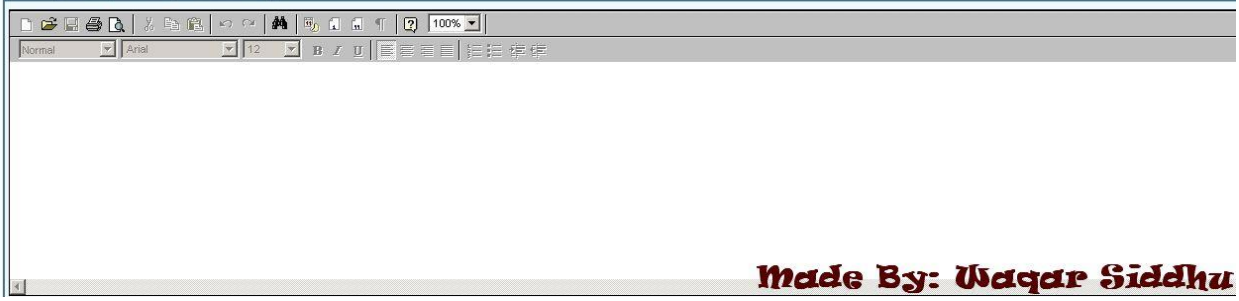


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Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

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)



Made By: Waqar Siddhu

Question No : 25 of 26 Marks: 5 (Budgeted Time 10 Min)

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)

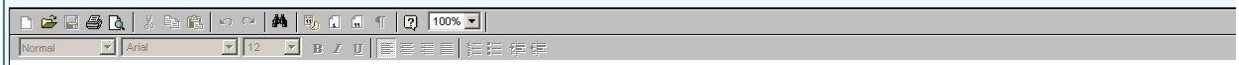


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Question No : 26 of 26 Marks: 5 (Budgeted Time 10 Min)

Suppose there are two networks A and B both using virtual private network. If a user of some another network other than the network B wants to send some packets to a device in network A, then what will be the behavior of network A? Give three reasons behind its behavior.

Answer (Please click here to Add Answer)



Made By: Waqar Siddhu