

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 **Made By: Waqar Siddhu**

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
- Bus and Mesh

correct

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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
- MAN
- CAN

correct

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

correct

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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
- Tree Topology

correct

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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
- Dynamic addressing scheme
- Masking

correct

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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

100 Base T

correct

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Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

Preamble field in Ethernet frame consist of _____ bits.

8

32

48

64

correct

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Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

A bridge functions in the _____ layer(s).

Physical

Data link

Network and Data link

Physical and Data link

correct

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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
- Filter and Forward a packet

correct

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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
- Triple, Quad
- Double, Quad

correct

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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

Available Bit Rate (ABR) service

Uniform Bit Rate (UBR) service

correct

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Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

_____ is used for ordinary data.

Available Bit Rate (ABR) service

Uniform Bit Rate (UBR) service

Constant Bit Rate (CBR) service

Variable Bit Rate (VBR) service

correct

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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.

Telnet

Ping
Ping

Traceroute

ICMP

correct

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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

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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

CSMA/CA

Token Passing

Round Robin

correct

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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)

100%
Normal Arial 12 B I U

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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](#))



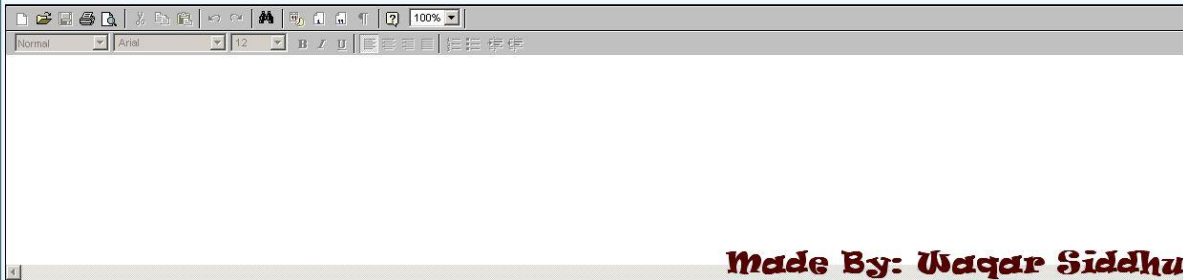
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Question No : 23 of 26

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](#))



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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](#))



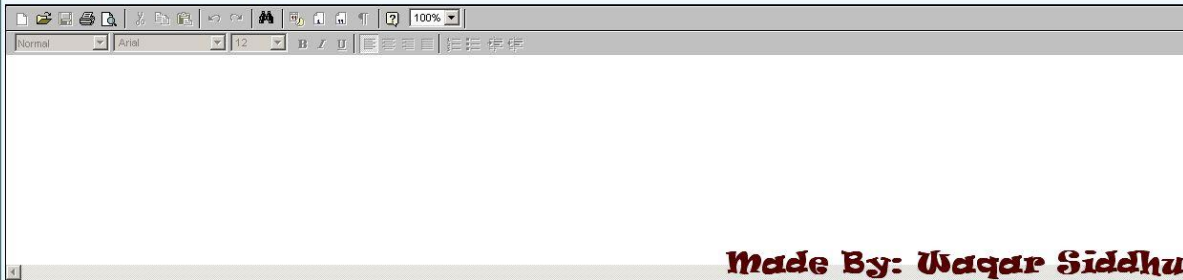
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Question No : 26 of 26

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](#))



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