

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 broadcast topology there are two categories_____.

Answer (Please select your correct option)

☐ Satellite/Radio and Ring

☐ Satellite/Radio and Star

☐ Ring and star

☐ Satellite/Radio

correct

Made By: Waqar Siddhu

Question No : 3 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

☐ CRC

☐ Parity

☐ Checksums

correct

☐ VRC

Made By: Waqar Siddhu

Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

When an application----- data, it makes a copy of the data available to all other computers on the network.

Answer (Please select your correct option)

☐ Broadcasting

☐ Multicasting

☐ Unicasting

☐ Anycasting

correct

Made By: Waqar Siddhu

Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

Basic LAN technologies such as Ethernet, Token Ring, and FDDI use a _____.

Answer (Please select your correct option)

☐

Connectionless service paradigm

correct

☐

Connection-oriented service paradigm

☐

Both Connectionless and Connection-oriented service paradigm

☐

Connection-oriented service paradigm without acknowledgment

Made By: Waqar Siddhu

Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

If the sending computer crashes before transmitting a complete frame, the _____ will not arrive and the receiver will know that the frame is _____.

Answer (Please select your correct option)

- ☐ soh, complete
- ☐ soh, incomplete
- ☐ eot, incomplete
- ☐ eot, complete

correct

Made By: Waqar Siddhu

Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

----- was especially most concerned about the lack of highly powered computers.

Answer (Please select your correct option)

☐ ARPA

correct

☐ IEEE

☐ EIA

☐ Government

Made By: Waqar Siddhu

Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

"Frame type" field of the header consists of _____ bits.

Answer (Please select your correct option)

☐ 8

☐ 10

☐ 16

☐ 32

correct

Made By: Waqar Siddhu

Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

Virtual Circuit connection identifier occupies _____ bits.

Answer (Please select your correct option)

☐ 16

correct

☐ 24

☐ 32

☐ 8

Made By: Waqar Siddhu

Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

_____ 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

Made By: Waqar Siddhu

Question No : 11 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

Made By: Waqar Siddhu

Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

A Bridge forwards or filters a frame by comparing the information in its address table to the frame's _____.

Answer (Please select your correct option)

☐

Layer 2 source address

☐

Layer 3 source address

☐

Layer 2 destination address

☐

Layer 3 destination address

correct

Made By: Waqar Siddhu

Question No : 13 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

Made By: Waqar Siddhu

Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

No error detection scheme is perfect because transmission errors can affect _____.

Answer (Please select your correct option)

☐ Data

☐ Additional Information

☐ Additional information & data

☐ Transmission medium

correct

Made By: Waqar Siddhu

Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)

LAN that uses ATM technology has a_____.

Answer (Please select your correct option)

☐ Star topology

correct

☐ Bus topology

☐ Ring topology

☐ Mesh topology

Made By: Waqar Siddhu

Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)

FDDI can transmits data at a rate of _____.

Answer (Please select your correct option)

☐ 100 million bits per second

correct

☐ 10 million bits per second

☐ 1000 million bits per second

☐ 3 million bits per second

Made By: Waqar Siddhu

Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

The next hop to which a packet is sent depends only on _____.

Answer (Please select your correct option)

☐

Packet's destination

correct

☐

Packet's original source

☐

Path the packet has taken

☐

Routed Protocol

Made By: Waqar Siddhu

Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Made By: Waqar Siddhu

Question No : 19 of 26

Marks: 1 (Budgeted Time 1 Min)

_____ in which delay among packets can vary.

Answer (Please select your correct option)

☐ Virtual Private Network

☐ Isochronous Networks

☐ Asynchronous Networks

☐ Synchronous Networks

Made By: Waqar Siddhu

Question No : 20 of 26

Marks: 1 (Budgeted Time 1 Min)

A typical port on an ATM switch operates at _____ or higher.

Answer (Please select your correct option)

☐ OC-2 speed (155Mbps)

☐ OC-3 speed (100Mbps)

☐ OC-3 speed (155Mbps)

☐ OC-3 speed (155Gbps)

correct

Made By: Waqar Siddhu

Marks: 2 (Budgeted Time 4 Min)

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

Made By: Waqar Siddhu

Question No : 22 of 26

Marks: 2 (Budgeted Time 4 Min)

Suppose ABC Corporation has a small number of packet switches and computer systems in its computer network. If entire network is stable with single network link than which routing method will be most appropriate for this scenario?

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



Made By: Waqar Siddhu

Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

Suppose in university campus, bridges are used in its local area network. Explain all steps, how bridge builds up addresses list table of all attached computers?

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



Made By: Waqar Siddhu

Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

Suppose you are a Network Engineer in an ISP which is providing different technological services like one of these may be cell based network. Here, as a Network Engineer you must know that which term is used to refer the "information" related to the network but not refers to the "information" that only uses the network". Give the name of this term and the reserved values it uses.

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



Made By: Waqar Siddhu

Question No : 25 of 26

Marks: 5 (Budgeted Time 10 Min)

A network sends and receives bits faster than computer's CPU. Explain how a computer attached to a network can handle this speed difference? Does the CPU have any role in handling it?

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

Normal Arial 12 B I U

Made By: Waqar Siddhu

Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

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

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



Made By: Waqar Siddhu