
BY ARSL SHAN
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Question # 28 of 30 (Start time: 11:26:45 AM, 29 June 2020)

Which layer of the OSI Model directly communicates and controls the transmission medium:

Select the correct option

○	Transmission
■	Physical
○	Application
○	Network

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sec(s)

CS610:Grand Quiz - Mid Term Exam

Quiz Start Time: 11:16 AM, 29 June 2020

Question # 29 of 30 (Start time: 11:27:05 AM, 29 June 2020)

Total Marks: 1

Each computer on LAN is identified by a physical address, usually imprinted on the _____.

Select the correct option

- ○ Modem
- ○ Router
- ○ Switch
- ■ Network Interface Card

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Click to Save Answer & Move to Next Question

Question # 27 of 30 (Start time: 11:26:25 AM, 29 June 2020) **Total Marks:**

The basic idea behind the operation of network analyzer is a computer with a network interface that receives all frames, which is called _____.

Select the correct option

- ○ Selective mode
- ○ Transfer mode
- ○ Dense
- ● Promiscuous mode

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Question # 26 of 30 (Start time: 11:26:07 AM, 29 June 2020)

The identifier that is used for data transfer in the virtual circuit network is called _____.

Select the correct option

- (●) Virtual circuit identifier
- ( ) Global address
- ( ) Network identifier
- ( ) IP identifier

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Click to Save Answer & Move to Ne

CS610:Grand Quiz - Mid Term Exam

Quiz Start Time: 11:16 AM

Question # 19 of 30 (Start time: 11:23:45 AM, 29 June 2020)

Which of the following is a benefit of packet switching?

Select the correct option

○	Change in transmission time
■	Broken data discovery
○	Dedicated paths for data sending
○	Hefty data transmission is not easy

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Click to Save Answer & Move to Ne

Question # 25 of 30 (Start time: 11:25:44 AM, 29 June 2020) **Total Ma**

Physical Addressing in a WAN is similar to LAN as each packet has format with _____

Select the correct option

- (●) Header
- ( ) Title
- ( ) Frame
- ( ) Address

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Question # 21 of 30 (Start time: 11:24:28 AM, 29 June 2020) Tot

_____ was the first automated tool required to see whether the given computer is online or not.

Select the correct option

○	Probing program
■	PING program
○	status program
○	None of the above

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Quiz Start Time: 11:16 AM,

Question # 24 of 30 (Start time: 11:25:28 AM, 29 June 2020)

In FDDI, in case of a station failure, remaining stations loop back and _____.

Select the correct option

○	Data frames are discarded
■	Re-route data through spare ring.
○	Collision will occur.
○	Re-transmit data through the same ring

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Question # 22 of 30 (Start time: 11:24:48 AM, 29 June 2020) **Total M**

The frame format of any LAN technology must consists of _____ and _____.

Select the correct option

○	Payload and CRC
○	Frame header and CRC
○	Payload and Frame type
■	Frame header and pay load.

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 23 of 30 (Start time: 11:25:07 AM, 29 June 2020) **Total Marks: 1**

In which type of error detection, the arithmetic sum is calculated before and after the transmission of data at both communication ends?

Select the correct option

- ○ CRC
- ○ Parity
- ● Checksum
- ○ Hash Function

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CS610:Grand Quiz - Mid Term Exam

Quiz Start Time: 11:16 AM, 29 June

Question # 18 of 30 (Start time: 11:23:24 AM, 29 June 2020)

Total Ma

In a ping command result, time denotes the _____.

Select the correct option

- TLT
- TTL
- BRT
- RTT

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Quiz Start Time: 11:16

Question # 17 of 30 (Start time: 11:23:03 AM, 29 June 2020)

Which of the following cannot be used to extend a LAN?

Select the correct option

- ○ Repeaters
- ○ Switches
- ◉ Routers
- ○ Fiber Modems

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Question # 9 of 30 (Start time: 11:20:11 AM, 29 June 2020)

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

Select the correct option

○	OC-2 speed (155Gbps)
○	OC-2 speed (1000Mbps)
■	OC-3 speed (155Mbps)
○	OC-3 speed (100Gbps)

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Question # 16 of 30 (Start time: 11:22:40 AM, 29 June 2020)

CBR stands for.....

Select the correct option

○	Constant Byte Rate
●	Constant Bit Rate
○	Connection break Recovery
○	None of the above

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Time Left sec(s)

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 14 of 30 (Start time: 11:22:00 AM, 29 June 2020)

Total Marks: 1

If two buildings are located far from each other then bridge, and _____can be used to connect two LAN.

Select the correct option

●	Optical fiber
○	Ethernet modem
○	Switch
○	NIC

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Time Left sec(s)

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 12 of 30 (Start time: 11:21:15 AM, 29 June 2020) **Total Marks: 1**

Variable length packets require _____to accommodate the largest possible packet, and thus to detect the end of the packet.

Select the correct option

- (●) Hardware
- ( ) Software
- ( ) Instruction
- ( ) Network ownership

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Quiz Start Time: 11:16 AM, 29 June 202

Question # 11 of 30 (Start time: 11:20:52 AM, 29 June 2020) Total Marks:

_____ is used for compressed audio and video, where the data rate depends on the level of compression that can be achieved.

Select the correct option

- ○ Constant Bit Rate
- ○ Bit Rate
- ■ Variable Bit Rate
- ○ Frame Relay

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Click to Save Answer & Move to Next Question

sec(s)

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 10 of 30 (Start time: 11:20:29 AM, 29 June 2020) **Total Marks:** 1

The type of error occurs due to a hardware failure. e.g. the second bit of every character will/can be damaged, is called _____.

Select the correct option

- ○ Burst error
- ◉ Vertical error
- ○ Parity error
- ○ Single bit error

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Time Left sec(s)

CS610:Grand Quiz - Mid Term Exam

Quiz Start Time: 11:16 AM, 29 June 2020

Question # 12 of 30 (Start time: 11:21:15 AM, 29 June 2020) **Total Marks: 1**

Variable length packets require _____to accommodate the largest possible packet, and thus to detect the end of the packet.

Select the correct option

- (●) Hardware
- ( ) Software
- ( ) Instruction
- ( ) Network ownership

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Question # 5 of 30 (Start time: 11:18:51 AM, 29 June 2020)

In order to forward a copy of frame, the bridge uses _____ address.

Select the correct option

○	Network
●	Destination
○	IP
○	Source

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Question # 6 of 30 (Start time: 11:19:13 AM, 29 June 2020)

ATM header is about _____ of the cell

Select the correct option

○	100 %
■	10 %
○	20 %
○	50 %

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Question # 3 of 30 (Start time: 11:18:11 AM, 29 June 2020) **Total Mark**

The system administrator must coordinate to avoid the conflict in _____ hardware addressing scheme.

Select the correct option

- ○ Static
- ○ Dynamic
- ◉ Configurable
- ○ Fixed

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Time Left sec(s)

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 2 of 30 (Start time: 11:17:46 AM, 29 June 2020)

Total Marks:

If any switch or the destination computer does not agree to setting up the_____, an error message is sent back and the switched virtual circuit is not established.

Select the correct option

- ○ Virtual path
- ○ Public virtual circuit
- ○ Circuit
- ● Virtual circuit

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Question # 4 of 30 (Start time: 11:18:32 AM, 29 June 2020) **Total Marks: 1**

To reduce_____, computers can be connected and distributed to a number of hubs, then the hubs can be connected to a switch.

Select the correct option

- [x] Costs
- [ ] Quality
- [ ] Efficiency
- [ ] Noise

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 1 of 30 (Start time: 11:16:59 AM, 29 June 2020) **Total Marks:** 1

Asynchronous transfer mode (ATM) as a single _____networking technology has only minimal provision for inter-operation with other technologies.

Select the correct option

- ○ Wired
- ○ LAN
- ○ Virtual circuit
- ■ Universal

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Question # 3 of 30 (Start time: 11:18:11 AM, 29 June 2020) **Total Mark**

The system administrator must coordinate to avoid the conflict in _____ hardware addressing scheme.

Select the correct option

- ○ Static
- ○ Dynamic
- ◉ Configurable
- ○ Fixed

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Question # 13 of 30 (Start time: 11:21:36 AM, 29 June 2020)

LAN is used for a local area but _____ can extend LAN across large distances.

Select the correct option

○	Bridge
○	WAN
○	Hub
●	Satellite Bridge

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Question # 15 of 30 (Start time: 11:22:19 AM, 29 June 2020)

The recent executed instruction _____in spatial aspect of the locality of reference.

Select the correct option

- ○ is executing again next
- ○ won't be executed again
- ○ will be executed at a later time
- ■ nearby and execution will be executed in future

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 20 of 30 (Start time: 11:24:05 AM, 29 June 2020) **Total Marks: 1**

Which of the following are the issues/problems with Broadcasting technique:

I. For every broadcast frame on the network each computer uses computational resources and places the contents into memory, which interrupts the CPU.

II. If a pair of computer use broadcasting instead of sending them directly all other computers waste CPU time while discarding the frames

Select the correct option

- (●) I and II.
- ( ) II and III.
- ( ) I and III.
- ( ) All of the given options.

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Click to Save Answer & Move to Next Question

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MC180202094: MUHAMMAD WASEEM AKHTAR

Time Left 76 sec(s)

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Quiz Start Time: 11:16 AM, 29 June 2020

Question # 30 of 30 (Start time: 11:27:24 AM, 29 June 2020) Total Marks: 1

In distributed route computation process each packet switch computes its routing table locally and sends messages to the_____.

Select the correct option

- ○ Router
- ○ Graph
- ■ Neighbors
- ○ WAN

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Click to Save Answer & Move to Next Question