Grand Quiz Spring 2021

Subject Code CS610 lecture 1 to 22

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Question # 1 of 30 (Start time: 09:13:48 AM, 02 July 2021)

When there is heavy traffic on the network, the queuing time is _____.

Select the correct option

●	Increased
○	Fixed
○	Zero
○	Decreased

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Question # 2 of 30 (Start time: 09:14:07 AM, 02 July 2021)

A network analyzer is also called _____.

Select the correct option

●	Network monitor
○	Network administrator
○	Network supervisor
○	Network manager

Question # 3 of 30 (Start time: 09:14:23 AM, 02 July 2021)

Which types of VPNs are used for corporate connectivity across companies residing in different geographical locations?

Select the correct option

●	Site-to-site VPNs
○	Peer-to-Peer VPNs
○	Country-to-country VPNs
○	Remote access VPNs

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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

- Quality
- Noise
- Efficiency
- ● Costs

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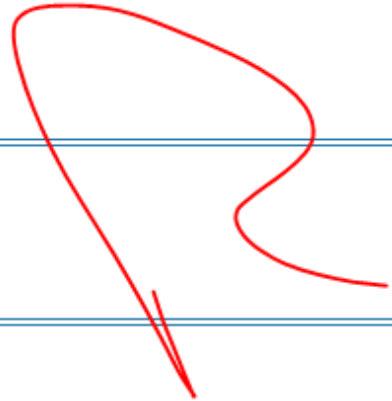
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Question # 5 of 30 (Start time: 09:15:11 AM, 02 July 2021)

_____is the rate at which data can be sent through the network.
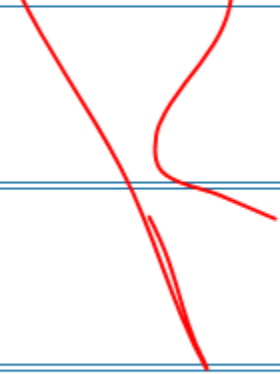
Select the correct option

	Access delay
○	

	Switching delay
○	

	Propagation delay
○	

	Throughput
●	

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As a result of ARPA research, the first network
was established which was named as _____ .

Select the correct option

○ ARPNET

○ INTERNETWORKING

● ARPANET

○ PACKET NETWORK

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Question # 7 of 30 (Start time: 09:15:47 AM, 02 July 2021)   **Total Marks: 1**

The bridges communicate with each other on the network and use _____ algorithm to decide which bridge will not forward frames if a cycle occurs.

Select the correct option

○ Shortest path first

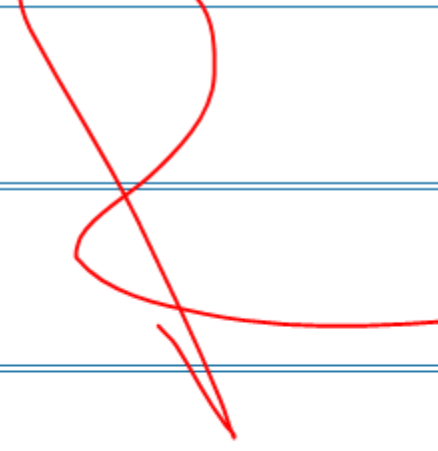● Distributed Spanning Tree

○ Djikstra

○ Vector distance

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The switch that has computers attached with it, is called _____switch.

Select the correct option

○	Internal
●	Exterior
○	Interior
○	Front

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Question # 9 of 30 (Start time: 09:16:19 AM, 02 July 2021)

_____ is a tool that sends a message to a remote computer and reports whether the computer responds.
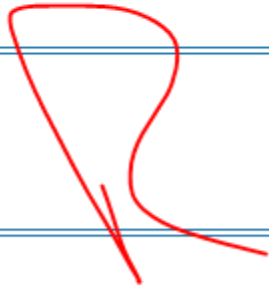
Select the correct option

○	Fragment offset
●	Ping
○	TCP
○	Flag

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

Select the correct option
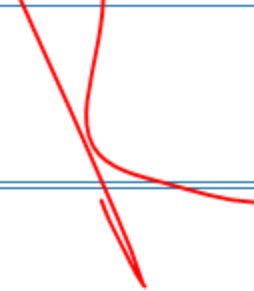
○ Data frames are discarded

○ Re-transmit data through the same ring

○ Collision will occur

● Re-route data through spare ring

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ATM uses fixed size, small cells, 48 octet's data and _____.

Select the correct option

- ● 5 Octets header
- ○ 6 Octets header
- ○ 7 Octets header
- ○ 3 Octets header

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Question # 12 of 30 (Start time: 09:17:21 AM, 02 July 2021)

_____is the term used for variance in transmission delays.

Select the correct option

●	Jitter
○	Segment
○	Friction
○	Checksum

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The Gigabit Ethernet hardware operates at a rate of _____.

Select the correct option

○ 100 Mbps

○ 10 Mbps

○ 1000 Gbps

● 1000 Mbps

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Question # 14 of 30 (Start time: 09:18:44 AM, 02 July 2021)

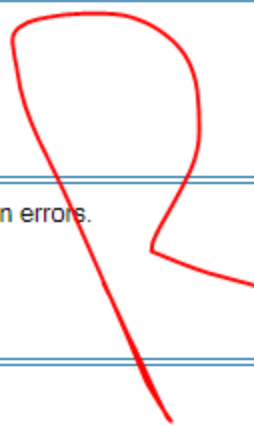The frame format of any LAN technology must consists of _____ and _____.

Select the correct option

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

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Question # 15 of 30 (Start time: 09:19:59 AM, 02 July 2021)

We need packets rather than bits because.......

Select the correct option

○	Packets can only move between two terminals
●	Sender and receiver need to coordinate to detect transmission errors.
○	Packets move faster
○	To compress the data

Question # 16 of 30 (Start time: 09:20:13 AM, 02 July 2021)

The Ethernet standard specifies that frames are sent using the _____ scheme.

Select the correct option

○ Differential Manchester

○ Return to Zero (RZ)

○ Not Return to Zero (NRZ)

● Manchester Encoding

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Which of the following is not a guided medium?

Select the correct option

○	Twisted-pair cable
●	Atmosphere
○	Coaxial cable
○	Fiber-optic cable

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10Base-T Ethernet is often called a _____.

Select the correct option

○ ring shaped star

● star shaped bus

○ star shaped ring

○ ring shaped bus

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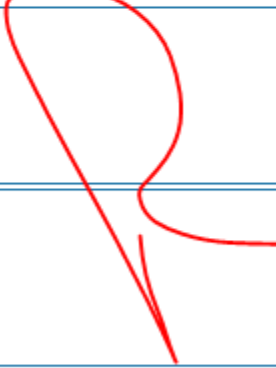
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Switch simulates a _____LAN connecting segments.

Select the correct option

●	Bridged
○	Single
○	Complex
	Single Shared

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Which type of network consists of wired computers in a university classroom?

Select the correct option

WAN ⭕

LAN ⬤

MAN ⭕

PAN ⭕

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Question # 21 of 30 (Start time: 09:21:51 AM, 02 July 2021)

_____ masks your IP address.

Select the correct option

○	Incognito mode
●	VPN
○	Antivirus
○	Firewall

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Question # 22 of 30 (Start time: 09:22:43 AM, 02 July 2021)

How many computers are mandatory to form a network?

Select the correct option

4

○

8

○

1

○

2

●

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A typical bridge has _____.

Select the correct option

○ A cache memory, ROM and CPU.

○ One NIC, a CPU a memory and a ROM.

○ RAM, ROM and CPU.

● Two NICs, a CPU a memory and a ROM.
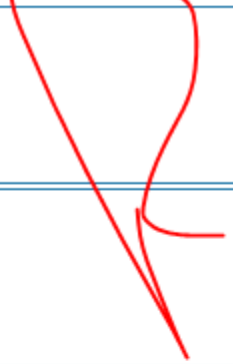
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Question # 24 of 30 (Start time: 09:23:25 AM, 02 July 2021)

Parity check is usually used to detect_____ bit error(s).

Select the correct option

○	2
●	1
○	4
○	3
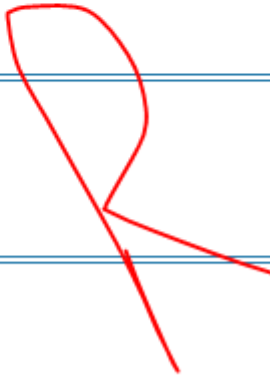
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In a ping command result, time denotes the _____.

Select the correct option

- ⦿ RTT
- ○ TTL
- ○ BRT
- ○ TLT

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The sharing of a _____ among the workers in an office is a goal of resource sharing.

Select the correct option

○	Keyboard
○	Motherboard
●	Printer
○	Mouse

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Hardware address is also called_____.

Select the correct option

- ○ IP address
- ○ Port address
- ○ Logical address
- ● Physical address

Question # 28 of 30 (Start time: 09:24:34 AM, 02 July 2021)

While computing shortest path in a graph, next hop information is inserted into_____.

Select the correct option

○ Header

○ Register

○ Trailer

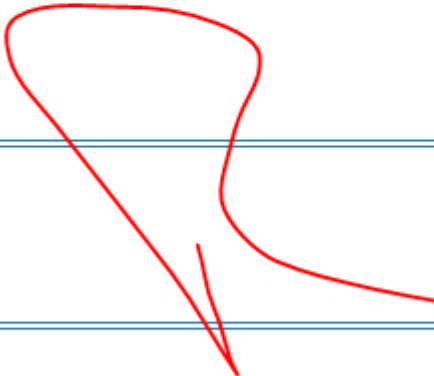● Routing table

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Question # 29 of 30 (Start time: 09:25:08 AM, 02 July 2021)

T

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

Select the correct option

◯	Router
◯	Graph
◯	WAN
●	Neighbors

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Question # 30 of 30 (Start time: 09:25:25 AM, 02 July 2021)

Public networks are _____.

Select the correct option

- ○ Intranet
- ○ Limited in boundary
- ○ More secure than LAN
- ● Flexible

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