

Question # 1 of 30 (Start time: 07:03:30 PM, 30 December 2020)

To

The CSMA/CD mechanism does not work with _____.

Select the correct option



Two Ethernet segments.



Less cable length.



High throughput.



Long delays.

Confidential

Question # 2 of 30 (Start time: 07:04:07 PM, 30 December 2020)

To

In Token Ring, if all computers are ready to transmit it enforces _____ access.

Select the correct option



First come first served



Round-Robin



Shorter delay



Last come first served

Question # 3 of 30 (Start time: 07:04:30 PM, 30 December 2020)

To

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

Question # 4 of 30 (Start time: 07:05:12 PM, 30 December 2020)

To

The switch that has no attached computers is called _____.

Select the correct option



Packet Switch



Exterior Switch



Interior Switch



External Switch

Question # 4 of 30 (Start time: 07:05:12 PM, 30 December 2020)

To

The switch that has no attached computers is called _____.

Select the correct option



Packet Switch



Exterior Switch



Interior Switch



External Switch

Question # 5 of 30 (Start time: 07:05:51 PM, 30 December 2020)

To

_____ masks your IP address.

Select the correct option



Firewall



Antivirus



VPN



Incognito mode

Question # 6 of 30 (Start time: 07:06:23 PM, 30 December 2020)

To

Connections are formed in Asynchronous transfer mode by storing values in _____ in ATM switches, as opposed to making actual electrical connections.

Select the correct option



Heap



Stack



Virtual Circuit



Memory locations

Question # 7 of 30 (Start time: 07:06:56 PM, 30 December 2020)

To

For adding a new computer in a point to point network_____ new connections will be required.

Select the correct option

 n  $n-1$  $n-2$  $2n$

Question # 8 of 30 (Start time: 07:07:31 PM, 30 December 2020)

To

Computer sends a connection request to the _____to which it is attached while establishing a switched virtual circuit.

Select the correct option



Bridge



Switch



VPI



Virtual circuit

Question # 9 of 30 (Start time: 07:08:08 PM, 30 December 2020)

To

VPNs connections are sometimes called _____.

Select the correct option



Tunnels



Open networking



Routing



Public network

Question # 10 of 30 (Start time: 07:08:30 PM, 30 December 2020)

To

CBR stands for_____.

Select the correct option



Constant Byte Rate



Constant Bit Rate



Connection break Recovery



Constant Borrow Rate

Question # 11 of 30 (Start time: 07:09:14 PM, 30 December 2020)

To

_____ network does not depend on CSMA/CD.

Select the correct option



Ethernet



Fast Ethernet



Gigabit Ethernet



Wireless

Question # 11 of 30 (Start time: 07:09:14 PM, 30 December 2020)

To

_____ network does not depend on CSMA/CD.

Select the correct option



Ethernet



Fast Ethernet



Gigabit Ethernet



Wireless

Question # 12 of 30 (**Start time: 07:10:34 PM, 30 December 2020**)

To

In _____, network topology is separated from route computation.

Select the correct option



Local area



Link-state routing



Static routing



Dynamic routing

Confidential

Question # 13 of 30 (Start time: 07:10:58 PM, 30 December 2020)

To

Ethernet uses a _____ bit static addressing scheme in which each device is assigned a unique address by the manufacturer.

Select the correct option



64



48



32



16

Question # 14 of 30 (Start time: 07:11:12 PM, 30 December 2020)

To

The Fast Ethernet hardware operates at a rate of _____.

Select the correct option



1000 bps



100 Mbps



10 Mbps



1000 Mbps

Question # 15 of 30 (Start time: 07:11:28 PM, 30 December 2020)

To

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

Select the correct option



Repeaters



Switches



Routers



Fiber Modems

Confidential

Question # 16 of 30 (Start time: 07:11:46 PM, 30 December 2020)

To

PVC stands for _____.

Select the correct option



Permanent virtual circuit



Private virtual circuit



Public virtual circuit



Plastic virtual circuit

Question # 16 of 30 (Start time: 07:11:46 PM, 30 December 2020)

To

PVC stands for _____.

Select the correct option



Permanent virtual circuit



Private virtual circuit



Public virtual circuit



Plastic virtual circuit

Question # 17 of 30 (Start time: 07:12:16 PM, 30 December 2020)

To

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

Select the correct option



Exterior



Interior



Internal



Front

Question # 18 of 30 (Start time: 07:12:45 PM, 30 December 2020)

To

In the early resource sharing era, which resources were shared among users?

Select the correct option



Computation



Floppy Drives



Hard Disk



Printers

Question # 19 of 30 (Start time: 07:14:07 PM, 30 December 2020)

To

Which of the following technologies can extend the diameter of LAN medium?

Select the correct option



Fiber optic



Repeaters



Diameter of LAN medium is not extendable



Both, Fiber Optic and Repeaters

Question # 20 of 30 (Start time: 07:14:29 PM, 30 December 2020)

To

Bluetooth uses shared medium and _____ instead of coaxial cable.

Select the correct option



Radio waves



Infrared waves



Micro waves



Low frequency waves

Question # 21 of 30 (**Start time: 07:14:51 PM, 30 December 2020**)

To

Dijkstra's algorithm can accommodate weights on _____ in graph.

Select the correct option

☐	Nodes
☒	Edges
☐	Path
☐	Connections

Question # 22 of 30 (Start time: 07:15:17 PM, 30 December 2020)

To

The process of forwarding a packet is called _____.

Select the correct option



Routing



Processing



Hierarchical Addressing



Source Addressing

Confidential

Question # 22 of 30 (Start time: 07:15:17 PM, 30 December 2020)

To

The process of forwarding a packet is called _____.

Select the correct option



Routing



Processing



Hierarchical Addressing



Source Addressing

Confidential

Question # 23 of 30 (**Start time: 07:16:34 PM, 30 December 2020**)

To

Both interior and exterior switches _____packets and they also need routing tables.

Select the correct option

☐	Create
☐	Delay
☒	Forward
☐	Start

Question # 24 of 30 (Start time: 07:16:56 PM, 30 December 2020)

To

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

Question # 24 of 30 (Start time: 07:16:56 PM, 30 December 2020)

To

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

Question # 25 of 30 (Start time: 07:17:16 PM, 30 December 2020)

To

The length of time required to send a variable length packet is _____

Select the correct option



5 seconds



Variable



Constant



Fix

Question # 26 of 30 (**Start time: 07:17:53 PM, 30 December 2020**)

To

_____ Networks are sometimes called Intranet.

Select the correct option

- ☒ Private
- ☐ Public
- ☐ Virtual
- ☐ WAN

Question # 27 of 30 (Start time: 07:18:18 PM, 30 December 2020)

To

ATM header is about _____ of the cell.

Select the correct option



5 %



10 %



20 %



25 %

Question # 28 of 30 (Start time: 07:18:39 PM, 30 December 2020)

To

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

Question # 28 of 30 (Start time: 07:18:39 PM, 30 December 2020)

To

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

Question # 29 of 30 (Start time: 07:19:22 PM, 30 December 2020)

To

Connections in Asynchronous transfer mode are called_____.

Select the correct option



Virtual channels



Virtual Path Identifier



Cells



Cell tax

Question # 30 of 30 (Start time: 07:19:41 PM, 30 December 2020)

To

Point-to-point topology is

Select the correct option



Size Based



Mobility Based



Connectivity Based



Medium Based