

Question # 1 of 30 (Start time: 07:40:23 PM, 30 December 2020)

A network analyzer is also called _____.

Select the correct option



Network manager



Network administrator



Network monitor



Network supervisor

Question # 2 of 30 (Start time: 07:41:04 PM, 30 December 2020)

Packet switches can be linked together to form a_____.

Select the correct option



LAN



WAN



Bridge



None of the given options

Question # 3 of 30 (Start time: 07:41:19 PM, 30 December 2020)

Parity bit can detect _____ error(s).

Select the correct option



4



3



2



1

Question # 4 of 30 (Start time: 07:42:50 PM, 30 December 2020)

LAN and WAN are classified according to their.....

Select the correct option



Size



Connectivity



Medium



Mobility

Question # 5 of 30 (Start time: 07:43:10 PM, 30 December 2020)

Which of the following two operations are performed by Ethernet CD?

- I. It monitors outgoing signals.
- II. Grabbled signal is interpreted as a collision.
- III. Signals are sent back to the sender.
- IV. Choose a shorter delay.

Select the correct option

☐	I and III
☐	II and IV
☐	II and III
☒	I and II

Question # 6 of 30 (Start time: 07:43:41 PM, 30 December 2020)

If simultaneous transmission occurs, the frames interfere with each other and this phenomenon is called _____.

Select the correct option



packet loss



collision



delayed transmission



coordination

Question # 7 of 30 (Start time: 07:44:19 PM, 30 December 2020)

Point-to-point topology is

Select the correct option



Size Based



Mobility Based



Connectivity Based



Medium Based

Question # 8 of 30 (Start time: 07:44:37 PM, 30 December 2020)

The network occupies larger areas like cities & countries is called

Select the correct option



LAN



WAN



MAN



All of the above

Question # 9 of 30 (Start time: 07:45:21 PM, 30 December 2020)

The fiber-modem converts digital data into _____ then transmits over the optical fiber.

Select the correct option



Pulses of light



Electrons



Electromagnetic signals



Analog signals

Question # 10 of 30 (Start time: 07:45:53 PM, 30 December 2020)

T

_____ uses counter rotating rings in which data flows in opposite directions.

Select the correct option



Token Ring



FDDI



ATM



Frame Relay

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

The _____ of errors is difficult than the _____ of errors.

Select the correct option



correction; detection



detection; correction



correction; creation



detection; manipulation

Question # 12 of 30 (Start time: 07:47:33 PM, 30 December 2020)

In a ping command result, time denotes the _____.

Select the correct option



TLT



TTL



BRT



RTT

Question # 13 of 30 (Start time: 07:48:01 PM, 30 December 2020)

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

Select the correct option



INTERNETWORKING



ARNET



ARPANET



PACKET NETWORK

Question # 14 of 30 (Start time: 07:48:38 PM, 30 December 2020)

Thick Ethernet is known as_____.

Select the correct option



10Base2



10Base5



10BaseT



10Base10

Question # 15 of 30 (Start time: 07:49:51 PM, 30 December 2020)

When we will try to connect to the internet which of the following protocol will be used?

Select the correct option



Telnet



TCP/IP



ICMP



IPx

Question # 16 of 30 (Start time: 07:50:45 PM, 30 December 2020)

Which of the followings is not an advantage of framing?

Select the correct option



Missing eot indicates sending computer crashed



Missing soh indicates receiving computer missed beginning of message



Delimiters do not contain any user data



Bad frame is discarded

Question # 17 of 30 (Start time: 07:51:41 PM, 30 December 2020)

There are _____ types of data stuffing.

Select the correct option



1



2



0



5

Question # 18 of 30 (Start time: 07:51:59 PM, 30 December 2020)

IEEE LLC/SNAP header is -----, which is used to specify the type of data.

Select the correct option



8 octets



16 octets



32 octets



64 octets

Question # 19 of 30 (Start time: 07:52:33 PM, 30 December 2020)

The basic responsibility of NIC is_____.

Select the correct option



To access medium/network



To resource allocation



To access memory



All of the given options

Question # 20 of 30 (Start time: 07:54:17 PM, 30 December 2020)

Which statement is correct about Network Interface Card (NIC)?

- I. NIC contains sufficient hardware to process data independent of system CPU
- II. NIC looks like any other I/O device to system CPU
- III. NIC also receives interrupt on incoming data.

Select the correct option



I and II



II and III



I and III



All of the given options

Question # 21 of 30 (Start time: 07:54:57 PM, 30 December 2020)

In a _____ state, a bridge allows simultaneous use of each segment.

Select the correct option



Ready



Steady



Final



Startup

Question # 22 of 30 (Start time: 07:55:25 PM, 30 December 2020)

A _____ is a device that combines multiple signals and forwards into a single line.

Select the correct option



Modem



Multiplexer



Repeater



Layer 3 Switch

Question # 23 of 30 (Start time: 07:55:47 PM, 30 December 2020)

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

While transmitting data from source A to destination B, 4 bits are changed during the transmission then the error is a _____.

Select the correct option

- | | |
|----------------------------------|--------------|
| ☒ | Burst error |
| ☐ | Single error |
| ☐ | Double error |
| ☐ | Logic error |

Question # 25 of 30 (Start time: 07:57:24 PM, 30 December 2020)

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

Select the correct option

- | | |
|----------------------------------|--------------|
| ☐ | Transmission |
| ☒ | Physical |
| ☐ | Application |
| ☐ | Network |

Question # 26 of 30 (Start time: 07:58:02 PM, 30 December 2020)

The _____ field of Ethernet frame has the purpose of Frame payload.

Select the correct option



Preamble



Frame Type



Data



CRC

Question # 26 of 30 (Start time: 07:58:02 PM, 30 December 2020)

The _____ field of Ethernet frame has the purpose of Frame payload.

Select the correct option



Preamble



Frame Type



Data



CRC

Question # 26 of 30 (Start time: 07:58:02 PM, 30 December 2020)

The _____ field of Ethernet frame has the purpose of Frame payload.

Select the correct option



Preamble



Frame Type



Data



CRC

Question # 27 of 30 (Start time: 07:59:22 PM, 30 December 2020)

LAN interface uses _____ to copy frame data directly from main memory.

Select the correct option



DMA



FDDI



Hard disk



Flash

Question # 27 of 30 (Start time: 07:59:22 PM, 30 December 2020)

LAN interface uses _____ to copy frame data directly from main memory.

Select the correct option



DMA



FDDI



Hard disk



Flash

Question # 28 of 30 (Start time: 08:00:12 PM, 30 December 2020)

AUI cable carries digital signal from NIC to _____.

Select the correct option



Modem



CPU



Transceiver



Network medium

Question # 29 of 30 (Start time: 08:00:33 PM, 30 December 2020)

Fiber modem extends the optical fiber across several kilometers because bandwidth is very _____ and delays on optical fiber are very _____.

Select the correct option

☒ Low,High

☐ High,High

☐ High,Low

☐ Low,Low

Question # 30 of 30 (Start time: 08:01:21 PM, 30 December 2020)

_____ is not used to extend LAN.

Select the correct option



Hub



Fiber modem



Repeater



Bridge

Question # 30 of 30 (Start time: 08:01:21 PM, 30 December 2020)

_____ is not used to extend LAN.

Select the correct option



Hub



Fiber modem



Repeater



Bridge