

Exam: MST-2_APRIL-2021_CS3CO28_Data Communication

Data Communication (T)
39/40

1.

☒ Correct Answer

06-Apr-2021 10:05:32 AM

Which one of the following is not a property of Store and Forward Switching

A.	line efficiency
B.	packets queued and transmitted as fast as possible
<input checked="" type="radio"/> C.	connection-establishment <input checked="" type="radio"/> You Selected
D.	priorities can be used

2.

☒ Correct Answer

06-Apr-2021 10:05:06 AM

_____ and _____ serve as a central connection for all of your network equipment and handles a data type known as frames

A.	Hubs and Routers
<input checked="" type="radio"/> B.	Hubs and Switches <input checked="" type="radio"/> You Selected
C.	Switches and Routers
D.	Routers and Firewall

3.

☒ Correct Answer

06-Apr-2021 10:15:43 AM

Routers operate at which layer of the OSI model?

A.	physical
B.	transport
<input checked="" type="radio"/> C.	network <input checked="" type="radio"/> You Selected

D.	MAC sublayer of the data link layer
E.	1

4.

☒ Correct Answer

06-Apr-2021 10:16:22 AM

A device that helps prevent congestion and data collisions –

<input checked="" type="radio"/> A.	Switch	<input checked="" type="radio"/> You Selected
B.	Hub	
C.	Gateway	
D.	Proxy Server	

5.

☒ Correct Answer

06-Apr-2021 10:05:20 AM

Two different switching technologies are_____.

<input checked="" type="radio"/> A.	Circuit switching and Packet switching	<input checked="" type="radio"/> You Selected
B.	Circuit switching and network switching	
C.	Packet switching and frequency switching	
D.	all of the mentioned	

6.

☒ Correct Answer

06-Apr-2021 10:15:56 AM

As the data packet moves from the _____ layer down to the _____ layer, headers and a trailer are added

<input checked="" type="radio"/> A.	application; physical	<input checked="" type="radio"/> You Selected
B.	physical; application	
C.	network; application	
D.	data link; application	

7.

☒ Correct Answer

06-Apr-2021 10:15:22 AM

The _____ is responsible for the delivery of a message from one process to another

A.	Data Link Layer as well as Network Layer	
B.	Data -Link Layer	
<input checked="" type="radio"/> C.	transport layer	<input checked="" type="radio"/> You Selected
D.	All of above	

8.

☒ Correct Answer

06-Apr-2021 10:06:10 AM

The _____ is defined by the physical layer.

A.	logical address	
B.	session dialog	
<input checked="" type="radio"/> C.	data rate	<input checked="" type="radio"/> You Selected
D.	encryption method	

9.

☒ Correct Answer

06-Apr-2021 10:04:28 AM

The number of links required in a Mesh topology is (n-number of nodes)

A.	n	
B.	$n/2$	
<input checked="" type="radio"/> C.	$n(n-1)/2$	<input checked="" type="radio"/> You Selected
D.	$n(n-1)$	

10.

☒ Correct Answer

06-Apr-2021 10:14:21 AM

In what type of switching resources are allocated on demand.

<input checked="" type="radio"/> A.	packet switching	<input checked="" type="radio"/> You Selected
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B.	circuit switching
C.	line switching
D.	frequency switching

11.

☒ Correct Answer

06-Apr-2021 10:01:39 AM

Which of the following is not the name of any topology.

<input checked="" type="radio"/> A.	Kite	<input checked="" type="radio"/> You Selected
B.	Bus	
C.	Star	
D.	Mesh	

12.

☒ Correct Answer

06-Apr-2021 10:07:07 AM

Regarding network models OSI stands for

A.	On System Internet	
B.	Open system Internetworking	
<input checked="" type="radio"/> C.	Open system Interconnection	<input checked="" type="radio"/> You Selected
D.	Open Source Instruction	

13.

☒ Correct Answer

06-Apr-2021 10:17:33 AM

A.	2KHz	
B.	2MHz	
<input checked="" type="radio"/> C.	4kHz	<input checked="" type="radio"/> You Selected
D.	5MHz	

14.

☒ Correct Answer

06-Apr-2021 10:06:52 AM

A device that helps prevent congestion and data collisions

<input checked="" type="radio"/> A.	Switch	<input checked="" type="radio"/> You Selected
B.	Hub	
C.	Gateway	
D.	Proxy Server	

15.

☒ Correct Answer

06-Apr-2021 10:05:53 AM

A local telephone network is an example of a _____ network.

A.	packet-switched	
B.	message-switched	
<input checked="" type="radio"/> C.	circuit-switched	<input checked="" type="radio"/> You Selected
D.	none of the mentioned	

16.

☒ Correct Answer

06-Apr-2021 10:06:23 AM

Which one of the following is a property of Byte Streaming

A.	packets are sent in any sequence.	
B.	The order in which the packets are sent is not so important	
C.	the byte sequence is not so important	
<input checked="" type="radio"/> D.	All of above	<input checked="" type="radio"/> You Selected

17.

☒ Correct Answer

06-Apr-2021 10:03:48 AM

When ten networking devices are connected in a MESH topology each device needs _____ input/output devices

<input checked="" type="radio"/> A.	Eight	<input checked="" type="radio"/> You Selected
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B.	Nine
C.	Ten
D.	Three

18.

☒ Correct Answer

06-Apr-2021 10:12:17 AM

Header translation uses _____ to translate an IPv6 address to an IPv4 address.

A.	IP address
B.	Physical address
<input checked="" type="radio"/> C.	Mapped address
D.	MAC address

☒ You Selected

19.

☒ Correct Answer

06-Apr-2021 10:11:52 AM

In which topology drop line is use as a link between device and the backbone.

A.	Mesh
B.	Tree
C.	Bus
<input checked="" type="radio"/> D.	Ring

☒ You Selected

20.

Not Answered

_____ is an adaptive technology. The system uses a data rate based on the condition of the local loop line.

A.	XDSL
B.	DSL
<input checked="" type="radio"/> C.	ADSL
D.	SDSL

21.

☒ Correct Answer

06-Apr-2021 10:17:25 AM

Which layer is responsible for process to process delivery in a general network model?

A.	network layer
B.	physical layer
C.	data link layer
<input checked="" type="radio"/> D.	transport layer

☒ You Selected

22.

☒ Correct Answer

06-Apr-2021 10:01:57 AM

In _____, there is no resource allocation for a packet.

A.	circuit switching
<input checked="" type="radio"/> B.	datagram switching
C.	frame switching
D.	line-switching

☒ You Selected

23.

☒ Correct Answer

06-Apr-2021 10:12:33 AM

The type of the network used in local telephony is

A.	messatge-switched
B.	packet-switched
<input checked="" type="radio"/> C.	circuit-switched
D.	all of the mentioned

☒ You Selected

24.

☒ Correct Answer

06-Apr-2021 10:14:20 AM

The term that is used to place packet in its route to its destination is called

A.	Delayed
B.	Urgent

☒ C.

Forwarding

☒ You Selected

D.

Delivering

25.

☒ Correct Answer

06-Apr-2021 10:06:39 AM

Which of the following protocols uses both TCP and UDP?

A.

FTP

B.

Telnet

☒ C.

DNS

☒ You Selected

D.

SMTP

26.

☒ Correct Answer

06-Apr-2021 10:05:11 AM

Which layers of the OSI model are host-to-host layers?

A.

Physical, Datalink, Network, Transport

☒ B.

Transport, Session, Persentation, Application

☒ You Selected

C.

Datalink, Network, Transport, Session

D.

Network, Transport, Session, Presentation

27.

☒ Correct Answer

06-Apr-2021 10:12:48 AM

Which among mentioned is not a type of leased line

A.

point to point connection

B.

MPLS

C.

Internet lease Line

☒ D.

Broadband

☒ You Selected

28.

☒ Correct Answer

06-Apr-2021 10:16:10 AM

Which of the following is an example of data-link layer vulnerability?

<input checked="" type="radio"/> A.	MAC Address Spoofing	<input checked="" type="radio"/> You Selected
B.	Physical Theft of Data	
C.	Route spoofing	
D.	Weak or non-existent authentication	

29.

☒ Correct Answer

06-Apr-2021 10:03:00 AM

Which of the following is not true for the datagram networks?

A.	Number of flows of packets are not limited	
B.	Path is not reserved	
C.	Packets may not be in order at the destination	
<input checked="" type="radio"/> D.	Same delay is there for all packets	<input checked="" type="radio"/> You Selected

30.

☒ Correct Answer

06-Apr-2021 10:17:01 AM

A Circuit-Switched Network is made of a set of switches connected by physical.

<input checked="" type="radio"/> A.	links	<input checked="" type="radio"/> You Selected
B.	media	
C.	nodes	
D.	lines	

31.

☒ Correct Answer

06-Apr-2021 10:03:32 AM

Which topology requires a multipoint connection.

A.	Star
B.	delta

C.	Ring
<input checked="" type="radio"/> D.	Bus

☒ You Selected

32.

☒ Correct Answer

06-Apr-2021 10:16:52 AM

which one of the following is not a features of peer-to-peer protocols:

A.	Whether packets arrive in order?
B.	How long for them to arrive?
C.	Whether they arrive at all?
<input checked="" type="radio"/> D.	None of the above

☒ You Selected

33.

☒ Correct Answer

06-Apr-2021 10:02:11 AM

Datagram switching is done at the.

<input checked="" type="radio"/> A.	network layer
B.	physical layer
C.	session layer
D.	data link layer

☒ You Selected

34.

☒ Correct Answer

06-Apr-2021 10:12:05 AM

Which one of the following is an alternative to the T-1 line.

<input checked="" type="radio"/> A.	HDSL
B.	ADSL
C.	SDSL
D.	VDSL

☒ You Selected

35.

☒ Correct Answer

06-Apr-2021 10:17:11 AM

The OSI model defines layers 1, 2, and 3 as the _____ layers

A.	physical support	
<input checked="" type="radio"/> B.	network support	<input checked="" type="radio"/> You Selected
C.	user support	
D.	transport	

36.

☒ Correct Answer

06-Apr-2021 10:04:13 AM

In a _____ topology, a dedicated link connects a device to central controller.

A.	Mesh	
<input checked="" type="radio"/> B.	Star	<input checked="" type="radio"/> You Selected
C.	Tree	
D.	Ring	

37.

☒ Correct Answer

06-Apr-2021 10:02:41 AM

Which one of following is not a function of Data-Link Layer

<input checked="" type="radio"/> A.	Store and Forwarding	<input checked="" type="radio"/> You Selected
B.	Framing	
C.	error control	
D.	Flow control	

38.

☒ Correct Answer

06-Apr-2021 10:03:10 AM

The protocol is based on end-to-end delivery.

<input checked="" type="radio"/> A.	SMTP	<input checked="" type="radio"/> You Selected
B.	TCP	

C.	IP
D.	DHCP

39.

☒ Correct Answer

06-Apr-2021 10:02:25 AM

Many desktops and operating systems include which protocol

<input checked="" type="radio"/> A.	IPv6 protocol	<input checked="" type="radio"/> You Selected
B.	IPv4 protocol	
C.	Both IPv6 and IPv4 protocol	
D.	IPv3 protocol	

40.

☒ Correct Answer

06-Apr-2021 10:04:55 AM

In the OSI model, a trailer is added to the data packet at layer _____

A.	one	
<input checked="" type="radio"/> B.	two	<input checked="" type="radio"/> You Selected
C.	three	
D.	Four	