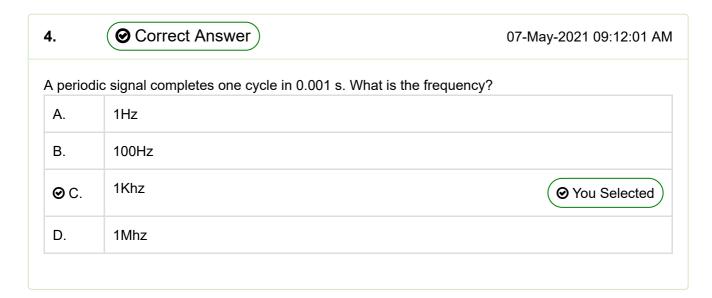
9/25/22, 11:33 AM ES Examination

Exam: End-Sem-Exam_May-2021_CS3CO28/CS3CO18/OE00044_Data Communication

A.	Large bandwidth
B.	data security
C.	noise immunity
⊘ D.	low cost ② You Selected

9/25/22, 11:33 AM ES Examination



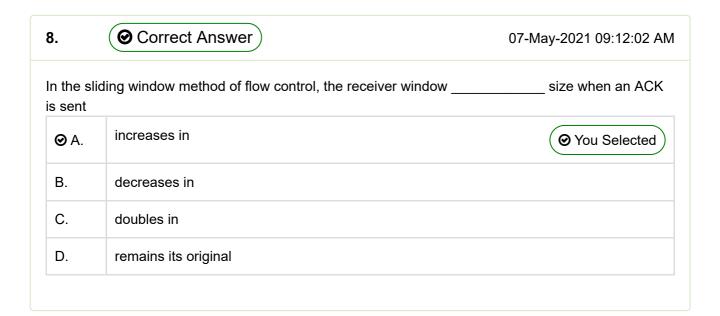
5.	⊘ Correct Answer	07-May-2021 09:11:54 Al
Γhe disd	avantage of Ring Topology is	
A.	Troubleshooting is difficult in ring topology.	
B.	Adding or deleting the computers disturbs the network activity.	
C.	Failure of one computer disturbs the whole network.	
⊘ D.	all of the above	⊘ You Selected
E.	1	

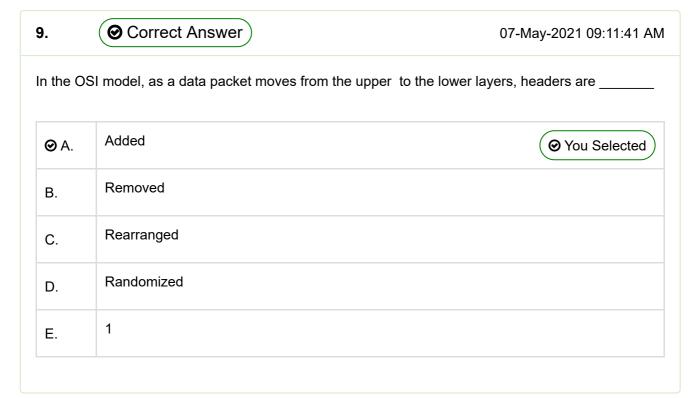
5.	⊘ Correct Answer	07-May-2021 09:11:45 AM
Vhich a	mong mentioned is not a feature of Bus Topology	
A.	It transmits data only in one direction.	
B.	Every device is connected to a single cable	
⊘ C.	Both A and B	⊘ You Selected
D.	None of above	

7. © Correct Answer 07-May-2021 09:11:51 AM

Which is not a function of Data Link Layer?

A.	Flow control	
В.	Error control	
⊘ C.	logical addressing	
D.	physical addressing	





10.	O Correct Answer	07-May-2021 09:11:56 AM

9/25/22, 11:33 AM ES Examination

Suppose that the stop-and-wait protocol is used on a link with a bit rate of 64 kilobits per second and 20 milliseconds propagation delay. Assume that the transmission time for the acknowledgement and the processing time at nodes are negligible. Then the minimum frame size in bytes to achieve a link utilization of at least 50% is ______.

A.	50
B.	20
⊘ C.	5 O You Selected
D.	10

11.	© Correct Answer	07-May-2021 09:11:54 AM
A packe	t take to go from one host to another is defined as	
A.	round trip time	
⊘ B.	latency	⊘ You Selected
C.	delay	
D.	congestion	
E.	1	

12.	⊘ Correct Answer	07-May-2021 09:11:49 AM
The source	ce used for Optical Fibre Communication is	-
A.	Electrical signal	
B.	Radio Waves	
⊘ C.	Light/Laser	⊘ You Selected
D.	All of the above	
E.	1	

O Correct Answer	07-May-2021 09:11:48 AM
he use of Ping command?	
To test a device on the network is reachable	
To test a hard disk fault	
To test a bug in a Application	
To test a Pinter Quality	
	he use of Ping command? To test a device on the network is reachable To test a hard disk fault To test a bug in a Application

4.	⊘ Correct Answer	07-May-2021 09:11:50 AM
ossy te	chniques provide when compared to lo	ossless techniques
A.	lower compression ratios	
⊘ B.	much higher compression ratios	⊘ You Selected
C.	similar compression ratios	
D.	none of the mentioned	

15.	⊘ Correct Answer	07-May-2021 09:11:42 AM
Run Len	gth Encoding is used for	
⊘ A.	Reducing the repeated string of characters	⊘ You Selected
B.	Bit error correction	
C.	Correction of error in multiple bits	
D.	All of the above	

16. O7-May-2021 09:11:59 AM

For a transcontinental channel - latency = 50 milliseconds, Bandwidth = 45 Mbps We can transmit 2.25 M bits before the first bit reaches the other end of the channel

⊘ A.	2.25 Mbits	
B.	225 Mbits	
C.	22.5Mbits	
D.	0.225 Mbits	
E.	1	

 17.
 ② Correct Answer
 07-May-2021 09:11:47 AM

 In ______ encoding, the duration of the bit is divided into two halves. The voltage remains at one level during the first half and moves to the other level in the second half. The transition at the middle of the bit provides synchronization.

 A.
 Manchester

 ② B.
 both Manchester and differential Manchester

 C.
 neither Manchester nor differential Manchester

 D.
 differential Manchester

18.
② Correct Answer

Which multiplexing technique transmits analog signals?

A.
WDM

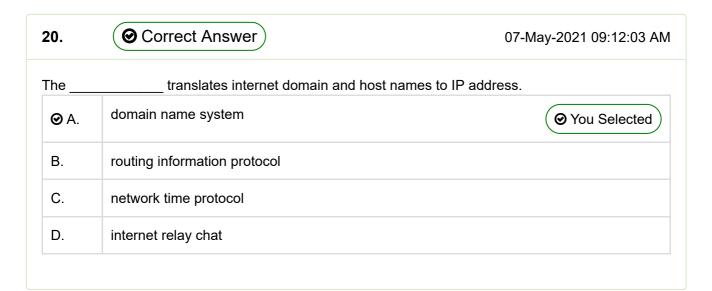
B.
TDM

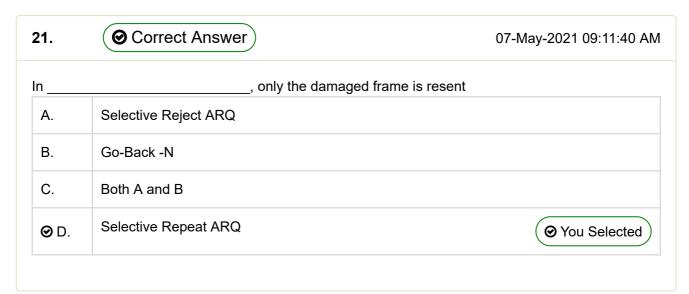
C.
FDM

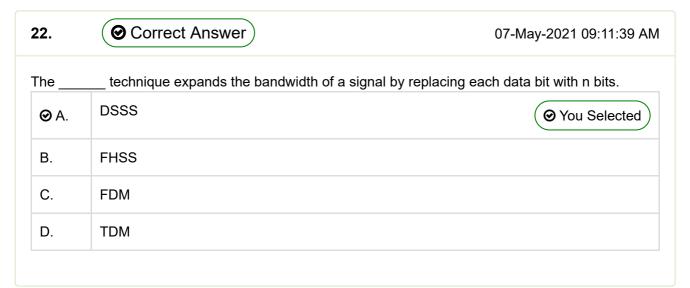
② D.
A and C

You Selected

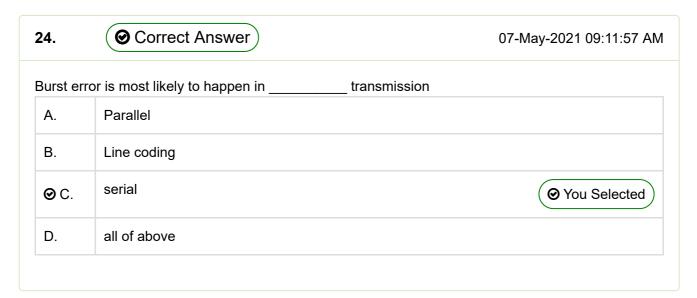
⊘ B.	local telephone system	⊘ You Selected
C.	satellite communications	
D.	radio broadcasting	

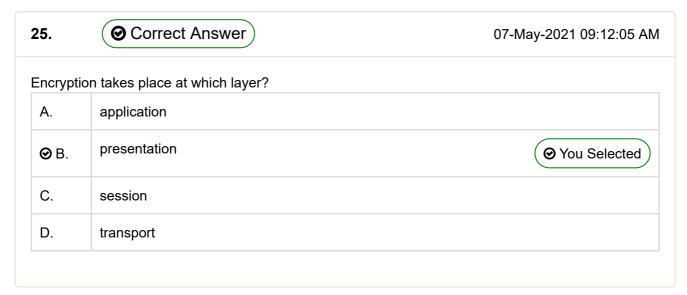






23.	⊘ Correct Answer	07-May-2021 09:11:43 AM
What co	nditions must be fulfilled in a good digital communication system	?
A.	High fidelity	
B.	High data rate	
C.	High data rate	
⊘ D.	All of the mentioned	⊘ You Selected



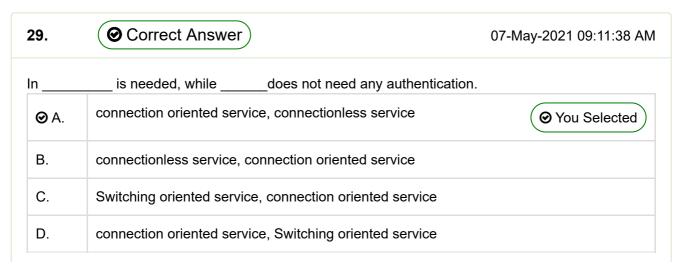


26.	O Correct Answer	07-May-2021 09:12:06 AM
Connection	on authentication is offered for	r ensuring that the remote host has the likely Internet Protocol
⊘ A.	address, name	

C. network, name D. network, location	В.	address, location
D. network, location	C.	network, name
	D.	network, location

⊘ Correct Answer	07-May-2021 09:12:04 AM
n a datagram network uses a	
destination address	
sender address	
routing table	⊘ You Selected
header	
	n a datagram network uses a destination address sender address routing table

8.	⊘ Correct Answer	07-May-2021 09:11:46 AM
Vhich to	pology is not used in design of WAN	
A.	RING	
B.	STAR	
C.	Peer to Peer	
⊘ D.	BUS	⊘ You Selected
E.	1	



OCorrect Answer 30. 07-May-2021 09:12:00 AM Starting with a complete list of legal codewords, we need to find the two codewords whose Hamming distance is the smallest. This determines the _____ of the code **Hamming Distance ⊘** You Selected **⊘** A. В. Hamming code C. Hamming error D. Hamming length