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Question 2 Answer saved Marked out of 1.00
Need of Modulation :
<ul><li>a. To reduce the height of the antenna</li><li>b. All of the above</li></ul>
○ c. To overcome signal attenuation during transmission
○ d. To avoid mixing of signal
CLEAR MY CHOICE
Question 3
Answer saved  Marked out of 1.00
Marked Out Of 1.00
In switching, the paths in the circuit are separated from one another spatially.
○ a. All of the option
○ b. Time Divison
○ c. None of the option
d. Space Division
CLEAR MY CHOICE

Question 4  Answer saved
Marked out of 1.00
In amplitude shift keying (ASK)
<ul> <li>a. Both frequency and phase remain constant while the amplitude changes.</li> </ul>
O b. Both Amplitude and frequency remain constant while the phase changes.
○ c. None of the option
Od. Both Amplitude and phase remain constant while the frequency changes.
CLEAR MY CHOICE
_
Question <b>5</b> Answer saved
Marked out of 1.00
Advantages of Multiplexing are:
<ul> <li>a. In telecommunications, multiplexing plays a key role to reduce the cost of networks through reducing the number of communications links required among two points.</li> </ul>
b. All of the option
○ c. The bandwidth of a medium can be utilized effectively.
O d. More than one signal can be sent over a single medium.
<ul> <li>e. Multiplexing enhances the network's economic stability because it reduces both the time as well as cost required for the operation of the physical medium when a single medium serves many signals or subscribers or applications.</li> </ul>
CLEAR MY CHOICE

Question 6
Answer saved
Marked out of 1.00
The word refers to the portion of a that carries a transmission.
○ a. Link , Channel
b. Channel, Link
○ c. None of the option
○ d. Line , Link
CLEAR MY CHOICE
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Question <b>7</b> Answer saved Marked out of 1.00
Block coding adds redundancy to line coding so that error detection can be implemented.
Select one:
True
○ False
Question 8 Answer saved Marked out of 1.00
In, the resources need to be reserved during the setup phase; the resources remain dedicated for the entire duration of data transfer phase until the teardown phase.
a. Circuit Switchig
○ b. All of the option.
○ c. Datagram Switching
○ d. Frame Switching
CLEAR MY CHOICE

Question S Answer sa Marked ou	ved
	is an analog multiplexing technique to combine optical signals.
○ a.	TDM
○ b.	None of the option
<ul><li>C.</li></ul>	WDM
○ d.	FDM
Cl	LEAR MY CHOICE
Question 1 Answer sa Marked ou	ved
Pulse (	Code Modulation (PCM) is:
○ a.	To obtain PCM from an analog waveform at the source (transmitter), the analog signal amplitude is sampled at regular time intervals.
○ b.	All forms of analog data like video, voice, music and telemetry can be transferred.
<ul><li>C.</li></ul>	All of the option
○ d.	a technique to convert analog data to digital signal
○ e.	At the destination (receiver), a pulse code demodulator converts the binary numbers back into pulses having the same quantum levels as those in the modulator.
Cl	LEAR MY CHOICE

Question 11
Answer saved
Marked out of 1.00

Modulation involves three signals:

- O a. Modulated Signal, Base Band Signal, Pass Band Signal
- O b. Message Signal, Base Band Signal, Pass Band Signal
- O c. Modulated Signal, Base Band Signal, Message Signal
- d. None of the option

**CLEAR MY CHOICE** 

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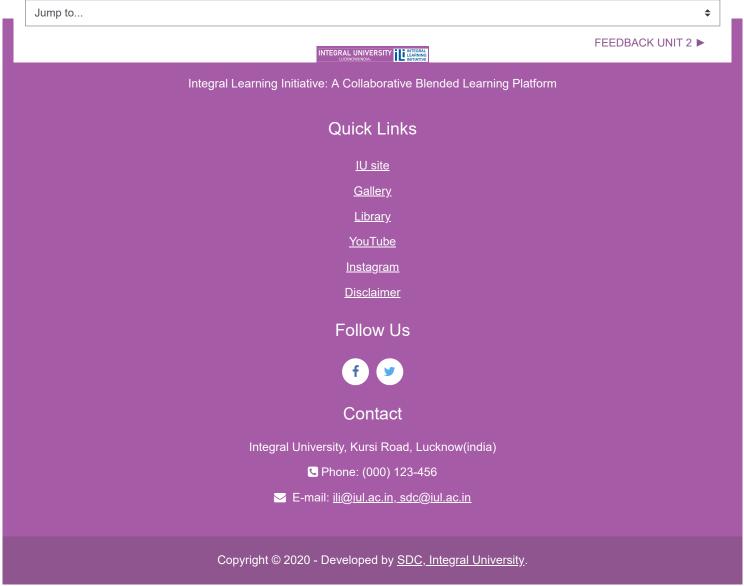
E-mail: ili@iul.ac.in, sdc@iul.ac.in

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Question 12		
Answer saved		
Marked out of 1.00		
In Polar – RZ		
○ a. It has no error detection capability		
O b. More complex		
C. Each symbol has a transition in the middle.		
Od. Uses three voltage values. +, 0,		
e. All of the option		
CLEAR MY CHOICE		

Question 13 Answer saved Marked out of 1.00
In QAM (Quadrature Amplitude Modulation)
<ul> <li>a. Is the combination of phase and amplitude modulation of a carrier wave into a single channel</li> </ul>
○ b. In QAM the phase difference between two carriers is 90 degrees but each having the same frequency
○ c. It is a combination of ASK & PSK.
<ul> <li>QAM transmits information by changing both the amplitude and phase of a carrier wave, thereby doubling the effective bandwidth.</li> </ul>
e. All of the Option  CLEAR MY CHOICE
Question 14 Answer saved Marked out of 1.00
In Synchronous TDM, if there are n sending devices, then there are n time slots. In Asynchronous TDM, if there are n sending devices, then there are m time slots where m is less than n (n <m).< td=""></m).<>
Select one:
○ True
False

Question 15
Answer saved  Marked out of 1.00
In Unipolar Line Coding
○ a. NRZ - Non Return to Zero scheme is an example of this code.
b. All of the option
○ c. The signal level does not return to zero during a symbol transmission.
O d. All signal levels are either above or below the time axis.
CLEAR MY CHOICE
Question 16 Answer saved
Marked out of 1.00
Time Division Multiplexing:
<ul> <li>a. In Time Division Multiplexing technique, data is not transmitted simultaneously rather the data is transmitted one-by-one.</li> </ul>
b. All of the option
C. In TDM, the signal is transmitted in the form of frames. Frames contain a cycle of time slots in which each frame contains one or more slots dedicated to each user.
<ul> <li>d. The total time available in the channel is distributed among different users. Therefore, each user is allocated with different time interval known as a Time slot at which data is to be transmitted by the sender.</li> </ul>
○ e. It is a digital technique.
CLEAR MY CHOICE

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Question 17
Answer saved
Marked out of 1.00
SAMPLING is the Process of converting a continuous time signal to an equivalent discrete time signal.
Select one:
<ul><li>True</li></ul>
○ False
Question 18 Answer saved
Marked out of 1.00
la a maniferat anna da anna da anna da a h-anna da anna
In a multiplexed system, lines share the bandwidth of link.
○ a. 1;1
○ b. 1; n
○ c. n; n
CLEAR MY CHOICE
Question 19
Answer saved
Marked out of 1.00
The sharing of a medium and its link by two or more devices is called
○ a. Modulation
○ b. Encoding
O d. None of the option
CLEAR MY CHOICE

Question 20
Answer saved
Marked out of 1.00
can be applied when the bandwidth of a link (in hertz) is greater than the combined bandwidths of the signals to be
transmitted.
○ a. TDM and FDM both
○ b. TDM
○ c. None of the option
● d. FDM
CLEAR MY CHOICE
Question 21
Answer saved
Marked out of 1.00
Which multiplexing technique transmits digital signals?
○ a. None of the option
● b. TDM
○ c. WDM
○ d. FDM
CLEAR MY CHOICE
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Question 22
Answer saved
Marked out of 1.00
In which modulation Bit 0 is represented by a specific frequency, and bit 1 is represented by a different frequency.
○ a. QAM
○ b. ASK
○ c. PSK
● d. FSK
CLEAR MY CHOICE
Question 23
Answer saved
Marked out of 1.00
Circuit switching takes place at the layer.
a. Physical
○ b. Transport
O c. Network
O d. Data line
CLEAR MY CHOICE

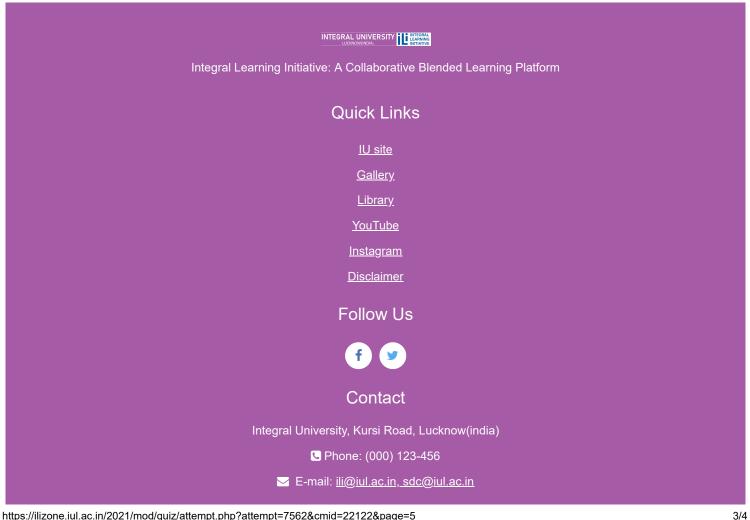
Question 24 Answer saved
Marked out of 1.00
A switch in a datagram network uses a routing table that is based on the address.
○ a. Local
b. Destination
○ c. None of the option
O d. Source
CLEAR MY CHOICE
Question 25
Answer saved  Marked out of 1.00
Marked out of 1.00
Advantages Of Frequency Division Multiplexing are:
<ul> <li>a. It does not require any synchronization between sender and receiver.</li> </ul>
○ b. A Large number of signals can be sent through an FDM simultaneously.
c. All of the option
○ d. FDM is used for analog signals.
○ e. FDM process is very simple and easy modulation.
CLEAR MY CHOICE

Jump to...

Question 26 Answer saved Marked out of 1.00 ASK is normally implemented using only two levels and is hence called binary amplitude shift keying. Select one: True O False ◀ FOCUSED DISCUSSION FORUM UNIT 2

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