



03063548328 Sonu Ilyas Mughal

Jan-01-2K21

CS601 - Data Communication



Grand Quiz 2020 (Covid-19)

100% Correct Solve (Alhamdulillah)

BY Virtual Assistance Sonu Ilyas Mughal



Sindh, Pakistan



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CS601:Grand Quiz

Question # 1 of 30 (**Start time: 01:30:24 PM, 01 January 2021**)

In frequency domain plot, which value is plot on Y-axis?

Select the correct option

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- | | |
|----------------------------------|------------|
| <input type="radio"/> | Time |
| <input type="radio"/> | Frequency |
| <input checked="" type="radio"/> | Amplitude |
| <input type="radio"/> | Wavelength |



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CS601:Grand Quiz

Quiz Start

Question # 2 of 30 (Start time: 01:31:40 PM, 01 January 2021)

Line coding scheme is roughly divide into _____ broad categories.

Select the correct option

<input checked="" type="radio"/>	5	Sonu Ilyas Mughal
<input type="radio"/>	4	
<input type="radio"/>	3	
<input type="radio"/>	2	



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CS601:Grand Quiz

Quiz Start Time: 01:30 PM, 0

Question # 3 of 30 (Start time: 01:32:00 PM, 01 January 2021)

We quantize the sampling output into certain levels based on range of _____ and required accuracy.

Select the correct option

<input type="radio"/>	Frequency
<input checked="" type="radio"/>	Amplitude
<input type="radio"/>	Time Period
<input type="radio"/>	None

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Click to Save Answer & Move to Ne



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Quiz Start

Question # 4 of 30 (Start time: 01:32:25 PM, 01 January 2021)

_____ and _____ are the two types of addressing in virtual circuit approach.

Select the correct option

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Local, Global



Private, Public



Variable, Dynamic



Dependent, Independent

Click to Save Answ



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Quiz Start Time: 01:

Question # 5 of 30 (Start time: 01:32:46 PM, 01 January 2021)

Microwaves are _____.

Select the correct option

<input checked="" type="radio"/>	Unidirectional
<input type="radio"/>	Omni directional
<input type="radio"/>	Bi directional
<input type="radio"/>	Multi directional

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Click to Save Answer & Move



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Quiz Start Ti

Question # 6 of 30 (Start time: 01:33:06 PM, 01 January 2021)

In _____ signal changes its shape or form.

Select the correct option

- | | |
|----------------------------------|---------------|
| <input type="radio"/> | Thermal noise |
| <input checked="" type="radio"/> | Distortion |
| <input type="radio"/> | impulse Noise |
| <input type="radio"/> | Attenuation |

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Click to Save Answer



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Quiz Start

Question # 7 of 30 (Start time: 01:33:27 PM, 01 January 2021)

Among the following cables given below, _____ cable provides highest bandwidth and less attenuation.

Select the correct option

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<input type="radio"/>	UTP
<input type="radio"/>	Coaxial cable
<input type="radio"/>	Coaxial cable
<input checked="" type="radio"/>	Fiber optical

Click to Save Answer



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Quiz Start

Question # 8 of 30 (Start time: 01:33:56 PM, 01 January 2021)

In optical fiber cable, the ratio of the diameter of their core to the diameter of their cladding, both expressed in _____.

Select the correct option

<input checked="" type="radio"/>	Micrometers	Sonu Ilyas Mughal
<input type="radio"/>	Millimeters	
<input type="radio"/>	Centimeters	
<input type="radio"/>	Meters	

Click to Save Ans



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Qu

Question # 9 of 30 (Start time: 01:34:18 PM, 01 January 2021)

To measure the data rate _____ theoretically formula(s) were developed.

Select the correct option

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- | | |
|----------------------------------|-------|
| <input type="radio"/> | One |
| <input checked="" type="radio"/> | Two |
| <input type="radio"/> | Three |
| <input type="radio"/> | Four |



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Question # 10 of 30 (**Start time: 01:34:44 PM, 01 January 2021**)

Entire band in United States is regulated by _____ authorities.

Select the correct option

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- | | |
|----------------------------------|------|
| <input checked="" type="radio"/> | FCC |
| <input type="radio"/> | ITU |
| <input type="radio"/> | NASA |
| <input type="radio"/> | ANSI |



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Quiz Start Time: 1

Question # 11 of 30 (Start time: 01:35:08 PM, 01 January 2021)

_____ is normally used for long-distance data transfer.

Select the correct option

- | | |
|----------------------------------|---------------------------------------|
| <input type="radio"/> | Parallel data transmission |
| <input checked="" type="radio"/> | Serial data transmission |
| <input type="radio"/> | Hybrid data transmission |
| <input type="radio"/> | Both parallel and serial transmission |

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Click to Save Answer & I



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Question # 12 of 30 (**Start time: 01:35:29 PM, 01 January 2021**)

To calculate the data rate for noisy channel _____ formula is used.

Select the correct option

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<input checked="" type="radio"/>	Shannon
<input type="radio"/>	Nyquist
<input type="radio"/>	Propagation
<input type="radio"/>	Greedy



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Question # 13 of 30 (**Start time: 01:35:50 PM, 01 January 2021**)

_____ are used for multicast communications, such as radio and television.

Select the correct option

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<input type="radio"/>	Microwaves
<input checked="" type="radio"/>	Radio waves
<input type="radio"/>	Light wave
<input type="radio"/>	Infrared waves



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Question # 14 of 30 (**Start time: 01:36:10 PM, 01 January 2021**)

AMI is a popular _____ encoding method.

Select the correct option

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- | | |
|----------------------------------|--------------|
| <input type="radio"/> | Polar |
| <input type="radio"/> | Uni-polar |
| <input checked="" type="radio"/> | Bi-polar |
| <input type="radio"/> | Substitution |



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Question # 15 of 30 (**Start time: 01:36:31 PM, 01 January 2021**)

_____ is an Application layer protocol, that is used for accessing the internet.

Select the correct option

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- | | |
|----------------------------------|------|
| <input type="radio"/> | TCP |
| <input checked="" type="radio"/> | HTTP |
| <input type="radio"/> | MAC |
| <input type="radio"/> | UDP |



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Quiz 5

Question # 16 of 30 (Start time: 01:36:53 PM, 01 January 2021)

In virtual Circuit network all packets follow _____ path.

Select the correct option

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<input type="radio"/>	Individual
<input checked="" type="radio"/>	Dedicated
<input type="radio"/>	Centralized
<input type="radio"/>	Alternative



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CS601:Grand Quiz

Quiz Start Time: 01:30 PM, 01

Question # 17 of 30 (Start time: 01:37:14 PM, 01 January 2021)

A network is geographically spread over a country with interconnected devices, such as Routers and Modems. This type of network comes under the _____ category.

Select the correct option

<input type="radio"/>	MAN
<input checked="" type="radio"/>	WAN
<input type="radio"/>	WLAM
<input type="radio"/>	LAN

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Click to Save Answer & Move to Next



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Question # 18 of 30 (Start time: 01:37:33 PM, 01 January 2021)

According to stats, fewer than _____ crossbar points can be used at once.

Select the correct option

<input type="radio"/>	14%	Sonu Ilyas Mughal
<input type="radio"/>	100%	
<input type="radio"/>	30%	
<input checked="" type="radio"/>	25%	



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Quiz S

Question # 19 of 30 (Start time: 01:38:01 PM, 01 January 2021)

A fiber-optic cable transmit signals in the form of _____.

Select the correct option

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<input checked="" type="radio"/>	Light
<input type="radio"/>	Sound
<input type="radio"/>	Waves
<input type="radio"/>	None of the given

Click to Save A



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Quiz

Question # 20 of 30 (Start time: 01:38:25 PM, 01 January 2021)

Unipolar encoding scheme uses _____ voltage level.

Select the correct option

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- | | |
|----------------------------------|-------|
| <input type="radio"/> | One |
| <input checked="" type="radio"/> | Two |
| <input type="radio"/> | Three |
| <input type="radio"/> | Four |



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Question # 21 of 30 (Start time: 01:38:47 PM, 01 January 2021)

The conversion of _____ sample of the signal into _____ form is called quantizing process

Select the correct option

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- | | |
|----------------------------------|-----------------------|
| <input checked="" type="radio"/> | Analog, Digital |
| <input type="radio"/> | Frequency, Amplitude |
| <input type="radio"/> | Amplitude, Frequency |
| <input type="radio"/> | Frequency, Bit Stream |



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Question # 22 of 30 (Start time: 01:39:07 PM, 01 January 2021)

According to the Fourier analysis, frequencies obtained after decomposition of non periodic digital signals are _____.

Select the correct option

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<input type="radio"/>	Bit length
<input type="radio"/>	Automatic
<input type="radio"/>	Heterogeneous
<input checked="" type="radio"/>	Continuous



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Quiz

Question # 23 of 30 (Start time: 01:39:29 PM, 01 January 2021)

Wireless transmission can be divided into _____ broad groups.

Select the correct option

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<input type="radio"/>	Two
<input checked="" type="radio"/>	Three
<input type="radio"/>	Four
<input type="radio"/>	Five



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Quiz Start Time: 01:30 PM, 0

Question # 24 of 30 (Start time: 01:39:49 PM, 01 January 2021)

_____ have established standards for using these signals for communication between devices such as keyboards, mice, PCs, and printers.

Select the correct option

<input type="radio"/>	Microwaves
<input checked="" type="radio"/>	Infrared waves
<input type="radio"/>	Simple waves
<input type="radio"/>	Radio waves

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Qui

Question # 25 of 30 (Start time: 01:40:10 PM, 01 January 2021)

Quadrature Amplitude Modulation (QAM) is the combination of _____ and _____.

Select the correct option

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- | | |
|----------------------------------|-----------|
| <input type="radio"/> | FSK, PSK |
| <input type="radio"/> | PSK, FSK |
| <input checked="" type="radio"/> | ASK, PSK |
| <input type="radio"/> | ASK, FSK. |



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Quiz 5

Question # 26 of 30 (Start time: 01:40:31 PM, 01 January 2021)

_____category of coaxial cable is used for Cable TV.

Select the correct option

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- | | |
|----------------------------------|-------|
| <input type="radio"/> | RG-58 |
| <input checked="" type="radio"/> | RG-59 |
| <input type="radio"/> | RG-11 |
| <input type="radio"/> | RG-47 |



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Question # 27 of 30 (Start time: 01:40:51 PM, 01 January 2021)

A virtual-circuit network operates on _____ layer.

Select the correct option

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- | | |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Datalink |
| <input type="radio"/> | Network |
| <input type="radio"/> | Physical |
| <input type="radio"/> | Application |



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Question # 28 of 30 (Start time: 01:41:14 PM, 01 January 2021)

Composite wave can be used to send ----- .

Select the correct option

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<input type="radio"/>	Bandwidth
<input checked="" type="radio"/>	Telephone Talk
<input type="radio"/>	Amplitude
<input type="radio"/>	Frequency



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Question # 29 of 30 (**Start time: 01:41:33 PM, 01 January 2021**)

In frequency domain plot, which value is replaced with frequency?

Select the correct option

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<input type="radio"/>	Wavelength
<input type="radio"/>	Amplitude
<input type="radio"/>	Phase
<input checked="" type="radio"/>	Time



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Question # 30 of 30 (**Start time: 01:41:56 PM, 01 January 2021**)

_____ cable is used in Wavelength division multiplexing.

Select the correct option

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- | | |
|----------------------------------|--------------|
| <input type="radio"/> | Twisted pair |
| <input type="radio"/> | Coaxial |
| <input checked="" type="radio"/> | Fiber optic |
| <input type="radio"/> | Ethernet |



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Question # 1 of 30 (**Start time: 02:03:55 PM, 01 January 2021**)

Time division multiplexing is used in _____ systems.

Select the correct option

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<input type="radio"/>	Analog
<input type="radio"/>	Hybrid
<input checked="" type="radio"/>	Digital
<input type="radio"/>	Automated



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Question # 2 of 30 (**Start time: 02:04:52 PM, 01 January 2021**)

Data format used at Network layer of TCP/IP Protocol Suit is called _____.

Select the correct option

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<input checked="" type="radio"/>	Packet
<input type="radio"/>	Segment
<input type="radio"/>	Frame
<input type="radio"/>	Message



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Question # 3 of 30 (Start time: 02:05:16 PM, 01 January 2021)

In single crossbar switch, only _____ row(s) or column(s) is/are active at a time while others are not active.

Select the correct option

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<input type="radio"/>	Four
<input type="radio"/>	Two
<input checked="" type="radio"/>	One
<input type="radio"/>	Three



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Question # 4 of 30 (Start time: 02:05:46 PM, 01 January 2021)

Datagram approach and virtual circuit approach are two popular approaches which lead us to _____.

Select the correct option

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- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Line switching |
| <input type="radio"/> | Circuit switching |
| <input type="radio"/> | Dynamic switching |
| <input checked="" type="radio"/> | Packet switching |



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Question # 5 of 30 (**Start time: 02:06:14 PM, 01 January 2021**)

Datagram switching is done on _____.

Select the correct option

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- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Application Layer |
| <input type="radio"/> | Datalink Layer |
| <input type="radio"/> | Physical Layer |
| <input checked="" type="radio"/> | Network Layer |



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Quiz Start Time: 02:03

Question # 6 of 30 (Start time: 02:06:45 PM, 01 January 2021)

In _____ switching resources are allocated during the entire duration of the connection and these resources are unavailable to other connections.

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | Message switched networks |
| <input type="radio"/> | Packet-switched networks |
| <input checked="" type="radio"/> | Circuit Switched Networks |
| <input type="radio"/> | Both circuit and message switch network. |

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Click to Save Answer & Move



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Quiz S

Question # 7 of 30 (Start time: 02:07:06 PM, 01 January 2021)

VCI address is _____ address in virtual circuit approach.

Select the correct option

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<input type="radio"/>	Private
<input type="radio"/>	Variable
<input checked="" type="radio"/>	Local
<input type="radio"/>	Global

Click to Save A



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Question # 8 of 30 (Start time: 02:07:28 PM, 01 January 2021)

In Phase shift key, _____ is/are kept constant.

Select the correct option

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<input type="radio"/>	Frequency
<input type="radio"/>	Phase
<input type="radio"/>	Amplitude and Phase
<input checked="" type="radio"/>	Amplitude and Frequency



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Question # 9 of 30 (Start time: 02:07:49 PM, 01 January 2021)

BFSK stands for _____.

Select the correct option

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- | | |
|----------------------------------|-----------------------------|
| <input type="radio"/> | Baud Frequency Shift Key |
| <input checked="" type="radio"/> | Binary Frequency Shift Key |
| <input type="radio"/> | Barrier Frequency Shift Key |
| <input type="radio"/> | Bridge Frequency shift Key |



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Question # 10 of 30 (Start time: 02:08:17 PM, 01 January 2021)

DC component issue is solved in _____ coding scheme.

Select the correct option

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<input checked="" type="radio"/>	Bipolar
<input type="radio"/>	Line
<input type="radio"/>	Vector
<input type="radio"/>	Biphase



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Qui

Question # 12 of 30 (Start time: 02:10:17 PM, 01 January 2021)

Guard bands are used in _____ multiplexing technique, to avoid overlapping of frequency bands assigned to each user.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|------|
| <input type="radio"/> | PDM |
| <input type="radio"/> | CSMA |
| <input type="radio"/> | TDM |
| <input checked="" type="radio"/> | FDM |

Click to Sav



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Question # 13 of 30 (Start time: 02:10:44 PM, 01 January 2021)

QAM stands for _____ .

Select the correct option

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- | | |
|----------------------------------|---------------------------------|
| <input checked="" type="radio"/> | Quadrature Amplitude Modulation |
| <input type="radio"/> | Quarter Altitude Modulator |
| <input type="radio"/> | Quadrature Amplifier Modulation |
| <input type="radio"/> | Quadrature Amplitude Modifier |



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Question # 14 of 30 (Start time: 02:11:05 PM, 01 January 2021)

Cellular telephone uses _____ waves for communication.

Select the correct option

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<input type="radio"/>	Light waves
<input type="radio"/>	Infrared waves
<input type="radio"/>	Radio waves
<input checked="" type="radio"/>	Microwaves



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Quiz Start Time

Question # 15 of 30 (Start time: 02:11:27 PM, 01 January 2021)

When the bandwidth of a link is greater than the combined bandwidths of the signals, we use _____ multiplexing.

Select the correct option

<input type="radio"/>	Wavelength division	Sonu Ilyas Mughal
<input checked="" type="radio"/>	Frequency division	
<input type="radio"/>	Time division	
<input type="radio"/>	Hybrid division	

Click to Save Answer &



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Quiz Start Time

Question # 16 of 30 (Start time: 02:11:49 PM, 01 January 2021)

In virtual circuit approach when a frame enters a switch and when it leaves a switch its VCI always _____.

Select the correct option

- | | | |
|----------------------------------|-----------------------|-------------------|
| <input checked="" type="radio"/> | Always Changes | Sonu Ilyas Mughal |
| <input type="radio"/> | Sometimes Changes | |
| <input type="radio"/> | Sometimes Remain Same | |
| <input type="radio"/> | Remain the Same | |

Click to Save Answer &



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Question # 17 of 30 (**Start time: 02:12:15 PM, 01 January 2021**)

Packet Switching operates on _____ layer.

Select the correct option

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- | | |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | Network layer |
| <input type="radio"/> | Data link layer |
| <input type="radio"/> | Application layer |
| <input type="radio"/> | Physical layer |



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Quiz S

Question # 18 of 30 (Start time: 02:12:39 PM, 01 January 2021)

_____ is the process of converting binary data to a digital signal.

Select the correct option

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<input type="radio"/>	QAM
<input type="radio"/>	ASK
<input type="radio"/>	FSK
<input checked="" type="radio"/>	Line coding



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Question # 19 of 30 (**Start time: 02:13:02 PM, 01 January 2021**)

In Amplitude Shift Keying, _____ of the signal is /are changed.

Select the correct option

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<input type="radio"/>	Amplitude and Frequency
<input checked="" type="radio"/>	Amplitude
<input type="radio"/>	Frequency and Amplitude
<input type="radio"/>	Phase



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Question # 20 of 30 (**Start time: 02:13:22 PM, 01 January 2021**)

_____ means loss of energy in signal.

Select the correct option

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- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Noise |
| <input type="radio"/> | Delay |
| <input checked="" type="radio"/> | Attenuation |
| <input type="radio"/> | Distortion |



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CS601:Grand Quiz

Quiz Start Time: 02:03 PM, 01 Jan

Question # 21 of 30 (Start time: 02:13:44 PM, 01 January 2021)

Tot

_____ have established standards for using these signals for communication between devices such as keyboards, mice, PCs, and printers.

Select the correct option

<input type="radio"/>	Microwaves
<input checked="" type="radio"/>	Infrared waves
<input type="radio"/>	Simple waves
<input type="radio"/>	Radio waves

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Click to Save Answer & Move to Next Q



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Qui.

Question # 22 of 30 (Start time: 02:14:10 PM, 01 January 2021)

According to the Fourier analysis, frequencies obtained after decomposition of non periodic digital signals are _____.

Select the correct option

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<input type="radio"/>	Bit length
<input type="radio"/>	Automatic
<input type="radio"/>	Heterogeneous
<input checked="" type="radio"/>	Continuous



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Quiz Start Time: 02:03 PM, 01 J

Question # 23 of 30 (Start time: 02:14:35 PM, 01 January 2021)

T

Television broadcast where user can only view the information sent in the form of video is an example of _____ communication.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Full duplex |
| <input type="radio"/> | Half duplex |
| <input checked="" type="radio"/> | Simplex |
| <input type="radio"/> | Complex |

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Click to Save Answer & Move to Next



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Quiz Start Tim

Question # 24 of 30 (Start time: 02:15:01 PM, 01 January 2021)

In _____ systems, resources are allocated on demand.

Select the correct option

<input type="radio"/>	Frequency switching	Sonu Ilyas Mughal
<input type="radio"/>	Line switching	
<input type="radio"/>	Circuit switching	
<input checked="" type="radio"/>	Packet switching	

Click to Save Answer



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Quiz Start Time: 02:03 PM,

Question # 25 of 30 (Start time: 02:15:25 PM, 01 January 2021)

The conversion of analog sample of the signal into digital form is called _____ process.

Select the correct option

<input checked="" type="radio"/>	Quantizing
<input type="radio"/>	Sampling
<input type="radio"/>	Modulation
<input type="radio"/>	Quantizing and Sampling

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[Click to Save Answer & Move to N](#)



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CS601:Grand Quiz

Quiz Start Ti

Question # 26 of 30 (Start time: 02:15:45 PM, 01 January 2021)

A telephone line analog signal has got the bandwidth of _____.

Select the correct option

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8 kHz



2 kHz



16 kHz



4 kHz

Click to Save Answer



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Quiz St

Question # 27 of 30 (Start time: 02:16:08 PM, 01 January 2021)

Electromagnetic waves ranging in frequencies between 3 kHz and 1 GHz are called _____.

Select the correct option

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<input type="radio"/>	Infrared waves
<input checked="" type="radio"/>	Radio waves
<input type="radio"/>	Light wave
<input type="radio"/>	Microwaves



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Qui:

Question # 28 of 30 (Start time: 02:16:30 PM, 01 January 2021)

_____ relatively measures the strength of two signals.

Select the correct option

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<input type="radio"/>	Signal rate
<input type="radio"/>	Bit rate
<input checked="" type="radio"/>	Decibel
<input type="radio"/>	Pulse rate



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Q

Question # 29 of 30 (Start time: 02:16:50 PM, 01 January 2021)

In TCP / IP model, the Physical Layer exchanges data in the form of _____.

Select the correct option

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- | | |
|----------------------------------|----------|
| <input type="radio"/> | Packets |
| <input type="radio"/> | Frames |
| <input checked="" type="radio"/> | Bits |
| <input type="radio"/> | Segments |



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CS601:Grand Quiz

Quiz Start Time: 02:

Question # 30 of 30 (Start time: 02:17:12 PM, 01 January 2021)

Mr. Asif while sitting in Lahore is talking with his friend in Dubai through Skype is an example of _____.

Select the correct option

<input type="radio"/>	Local Area Network	Sonu Ilyas Mughal
<input type="radio"/>	Metropolitan Area Network	
<input checked="" type="radio"/>	Wide Area Network	
<input type="radio"/>	Home Based Network	

Click to Save Answer & Move



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CS601:Grand Quiz

Quiz Start Time: 02

Question # 1 of 30 (Start time: 02:35:38 PM, 01 January 2021)

A local telephone network use _____ network.

Select the correct option

<input type="radio"/>	Line switched	Sonu Ilyas Mughal
<input type="radio"/>	Packet switched	
<input checked="" type="radio"/>	Circuit switched	
<input type="radio"/>	Bit switched	



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CS601:Grand Quiz

Question # 2 of 30 (Start time: 02:36:14 PM, 01 January 2021)

In _____ systems, resources are allocated on demand.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | Frequency switching |
| <input type="radio"/> | Line switching |
| <input type="radio"/> | Circuit switching |
| <input checked="" type="radio"/> | Packet switching |



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CS601:Grand Quiz

sec(s)

Quiz Start Time: 02:35 PM, 01 January 20

Question # 3 of 30 (Start time: 02:36:38 PM, 01 January 2021)

Total Mark

When data is sent or received using _____, the data bits are organized in a specific order, since they can only be sent or received one after another.

Select the correct option

- | | | |
|----------------------------------|---------------------------------------|----|
| <input type="radio"/> | Parallel data transmission | // |
| <input checked="" type="radio"/> | Serial data transmission | // |
| <input type="radio"/> | Hybrid data transmission | // |
| <input type="radio"/> | Both parallel and serial transmission | // |

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Click to Save Answer & Move to Next Question



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CS601:Grand Quiz

Quiz Start Time: 02:35 PM,

Question # 4 of 30 (Start time: 02:37:00 PM, 01 January 2021)

A network is geographically spread over a country with interconnected devices, such as Routers and Modems. This type of network comes under the _____ category.

Select the correct option

<input type="radio"/>	MAN
<input checked="" type="radio"/>	WAN
<input type="radio"/>	WLAM
<input type="radio"/>	LAN

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Click to Save Answer & Move to N



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CS601:Grand Quiz

Quiz

Question # 5 of 30 (Start time: 02:37:21 PM, 01 January 2021)

LAN stands for _____ .

Select the correct option

Sonu Ilyas Mughal

- Logical Area Network
- Long-distance Area Network
- Local Area Network
- Long Area Network



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CS601:Grand Quiz

Quiz Start Tim

Question # 6 of 30 (Start time: 02:37:46 PM, 01 January 2021)

Which multiplexing technique involves signals composed of light beams?

Select the correct option

<input type="radio"/>	FDM	Sonu Ilyas Mughal
<input type="radio"/>	TDM	
<input checked="" type="radio"/>	WDM	
<input type="radio"/>	PDM	



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CS601:Grand Quiz

Quiz

Question # 7 of 30 (Start time: 02:38:07 PM, 01 January 2021)

Cable TV networks use _____ cables.

Select the correct option

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<input checked="" type="radio"/>	Coaxial
<input type="radio"/>	UTP
<input type="radio"/>	STP
<input type="radio"/>	Twisted pair



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CS601:Grand Quiz

Quiz

Question # 8 of 30 (Start time: 02:38:30 PM, 01 January 2021)

The conversion of _____ sample of the signal into _____ form is called quantizing process

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-----------------------|
| <input checked="" type="radio"/> | Analog, Digital |
| <input type="radio"/> | Frequency, Amplitude |
| <input type="radio"/> | Amplitude, Frequency |
| <input type="radio"/> | Frequency, Bit Stream |



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CS601:Grand Quiz

Qu

Question # 9 of 30 (Start time: 02:38:50 PM, 01 January 2021)

Line coding scheme is roughly divide into _____ broad categories.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---|
| <input checked="" type="radio"/> | 5 |
| <input type="radio"/> | 4 |
| <input type="radio"/> | 3 |
| <input type="radio"/> | 2 |



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CS601:Grand Quiz

Question # 10 of 30 (**Start time: 02:39:12 PM, 01 January 2021**)

VCI address is _____ address in virtual circuit approach.

Select the correct option

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<input type="radio"/>	Private
<input type="radio"/>	Variable
<input checked="" type="radio"/>	Local
<input type="radio"/>	Global



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Qu

Question # 11 of 30 (Start time: 02:39:33 PM, 01 January 2021)

Suppose a signal is attenuated then the value of decibel will be _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|----------|
| <input type="radio"/> | 0 |
| <input type="radio"/> | 1 |
| <input checked="" type="radio"/> | Negative |
| <input type="radio"/> | Positive |



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CS601:Grand Quiz

Quiz 5

Question # 12 of 30 (Start time: 02:39:55 PM, 01 January 2021)

Minimum bandwidth required for Manchester line coding scheme is_____.

Select the correct option

Sonu Ilyas Mughal

<input checked="" type="radio"/>	1Mhz
<input type="radio"/>	1Ghz
<input type="radio"/>	2Mhz
<input type="radio"/>	3Ghz

Click to Save



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CS601:Grand Quiz

Question # 13 of 30 (Start time: 02:40:16 PM, 01 January 2021)

A common Bipolar encoding scheme is called _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-----|
| <input checked="" type="radio"/> | AMI |
| <input type="radio"/> | NRZ |
| <input type="radio"/> | RZ |
| <input type="radio"/> | QAM |



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CS601:Grand Quiz

Quiz Sta

Question # 14 of 30 (Start time: 02:40:41 PM, 01 January 2021)

Bandwidth can be measured in _____.

Select the correct option

<input checked="" type="radio"/>	Bps	Sonu Ilyas Mughal
<input type="radio"/>	Decibel	
<input type="radio"/>	Phase	
<input type="radio"/>	Lambda	

Click to Save An



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Question # 15 of 30 (**Start time: 02:41:00 PM, 01 January 2021**)

_____ and _____ are the two types of addressing in virtual circuit approach.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|------------------------|
| <input checked="" type="radio"/> | Local, Global |
| <input type="radio"/> | Private, Public |
| <input type="radio"/> | Variable, Dynamic |
| <input type="radio"/> | Dependent, Independent |



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CS601:Grand Quiz

Question # 16 of 30 (**Start time: 02:41:25 PM, 01 January 2021**)

To calculate the data rate for noiseless channel _____ formula is used.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | reedy |
| <input type="radio"/> | Shannon |
| <input checked="" type="radio"/> | Nyquist |
| <input type="radio"/> | Propagation |



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CS601:Grand Quiz

Question # 17 of 30 (Start time: 02:41:45 PM, 01 January 2021)

QPSK stands for _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|----------------------------|
| <input type="radio"/> | Quality phase shift key |
| <input type="radio"/> | Queuing phase shift key |
| <input checked="" type="radio"/> | Quadrature phase shift key |
| <input type="radio"/> | Quality physical shift key |



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CS601:Grand Quiz

Question # 18 of 30 (**Start time: 02:42:05 PM, 01 January 2021**)

The communication at the Application, Transport and Network layer is _____.

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Select the correct option

- | | |
|----------------------------------|----------|
| <input checked="" type="radio"/> | Logical |
| <input type="radio"/> | Physical |
| <input type="radio"/> | Real |
| <input type="radio"/> | Rational |



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Question # 19 of 30 (**Start time: 02:42:25 PM, 01 January 2021**)

_____ signal completes a certain pattern in a specific amount of time.

Select the correct option

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<input type="radio"/>	Non-periodic
<input checked="" type="radio"/>	Periodic
<input type="radio"/>	APeriodic
<input type="radio"/>	Wavelength



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Question # 20 of 30 (**Start time: 02:42:46 PM, 01 January 2021**)

In frequency domain plot, which value is replaced with frequency?

Select the correct option

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<input type="radio"/>	Wavelength
<input type="radio"/>	Amplitude
<input type="radio"/>	Phase
<input checked="" type="radio"/>	Time



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CS601:Grand Quiz

Question # 21 of 30 (**Start time: 02:43:08 PM, 01 January 2021**)

Latency is made of _____ components.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-------|
| <input type="radio"/> | Two |
| <input type="radio"/> | Three |
| <input checked="" type="radio"/> | Four |
| <input type="radio"/> | Five |



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CS601:Grand Quiz

Quiz S

Question # 22 of 30 (Start time: 02:43:32 PM, 01 January 2021)

In FDM, _____ process is used by the transmitting devices to shift their data to a specific carrier frequency for multiplexing.

Select the correct option

Sonu Ilyas Mughal

<input type="radio"/>	Demodulation
<input type="radio"/>	Compression
<input type="radio"/>	Multiplying
<input checked="" type="radio"/>	Modulation



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CS601:Grand Quiz

Quiz Start

Question # 23 of 30 (Start time: 02:43:57 PM, 01 January 2021)

In frequency shift keying, _____ remain(s) constant.

Select the correct option

Sonu Ilyas Mughal

<input type="radio"/>	Frequency
<input type="radio"/>	Amplitude
<input checked="" type="radio"/>	Both Amplitude and Phase
<input type="radio"/>	Both Phase and Frequency

Click to Save Answer



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CS601:Grand Quiz

Quiz

Question # 24 of 30 (Start time: 02:44:17 PM, 01 January 2021)

FSK stands for _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|------------------------|
| <input checked="" type="radio"/> | Frequency Shift Keying |
| <input type="radio"/> | Frequency Swift king |
| <input type="radio"/> | Fake Shift Keying |
| <input type="radio"/> | Foreign shift keying |



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Question # 25 of 30 (Start time: 02:44:44 PM, 01 January 2021)

_____ is a block coding method.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|--------|
| <input type="radio"/> | NRZ |
| <input type="radio"/> | NRZ-I |
| <input checked="" type="radio"/> | 8B/10B |
| <input type="radio"/> | 8B/12B |



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CS601:Grand Quiz

Question # 26 of 30 (**Start time: 02:45:08 PM, 01 January 2021**)

If 32 bits are sent in two seconds then bitrate for that signal is _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|--------|
| <input type="radio"/> | 32 bps |
| <input type="radio"/> | 64 bps |
| <input type="radio"/> | 8 Hz |
| <input checked="" type="radio"/> | 16 bps |



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Qu

Question # 27 of 30 (Start time: 02:45:34 PM, 01 January 2021)

Data format used at Network layer of TCP/IP Protocol Suit is called _____.

Select the correct option

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<input checked="" type="radio"/>	Packet
<input type="radio"/>	Segment
<input type="radio"/>	Frame
<input type="radio"/>	Message



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CS601:Grand Quiz

Question # 28 of 30 (**Start time: 02:45:57 PM, 01 January 2021**)

Electromagnetic waves ranging in frequencies between 3 kHz and 1 GHz are called _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Infrared waves |
| <input checked="" type="radio"/> | Radio waves |
| <input type="radio"/> | Light wave |
| <input type="radio"/> | Microwaves |



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Quiz

Question # 29 of 30 (Start time: 02:46:18 PM, 01 January 2021)

In a complex communication, we need a protocol at each layer, this process is called _____.

Select the correct option

Sonu Ilyas Mughal

<input type="radio"/>	Redundancy
<input type="radio"/>	Topology
<input checked="" type="radio"/>	Protocol Layering
<input type="radio"/>	Encryption



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Quiz Sta

Question # 30 of 30 (**Start time: 02:46:40 PM, 01 January 2021**)

In statistical time division multiplexing, number of slots in frame are less than _____.

Select the correct option

<input type="radio"/>	Output data rate	Sonu Ilyas Mughal
<input checked="" type="radio"/>	Input lines	
<input type="radio"/>	Input frequency	
<input type="radio"/>	Multiplexed T lines	



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CS601:Grand Quiz

Quiz Start T

Question # 1 of 30 (Start time: 02:55:46 PM, 01 January 2021)

_____ component of data communication governs the overall communication on the network.

Select the correct option

<input type="radio"/>	Sender	Sonu Ilyas Mughal
<input type="radio"/>	Receiver	
<input checked="" type="radio"/>	Protocol	
<input type="radio"/>	Transmission Medium	



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CS601:Grand Quiz

Quiz Start Time: 0

Question # 2 of 30 (Start time: 02:56:17 PM, 01 January 2021)

In circuit switching, when two end devices "A" and "B" connects with each other they send _____ request.

Select the correct option

<input type="radio"/>	Inquiry	Sonu Ilyas Mughal
<input type="radio"/>	Acceptance	
<input checked="" type="radio"/>	Setup	
<input type="radio"/>	Switching	



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Qu

Question # 3 of 30 (Start time: 02:56:40 PM, 01 January 2021)

Time taken by a periodic signal to complete one cycle is called _____.

Select the correct option

Sonu Ilyas Mughal

<input type="radio"/>	Multiplexing
<input type="radio"/>	Routing
<input type="radio"/>	Wavelength
<input checked="" type="radio"/>	Period



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CS601:Grand Quiz

Quiz Start Time: 02:55 PM, 01 Januar

Question # 4 of 30 (Start time: 02:57:03 PM, 01 January 2021)

Total M

Two stations are connected via a secure link in which messages are encrypted from source to the destination. This encrypted message is called _____ .

Select the correct option

<input type="radio"/>	Plain text
<input checked="" type="radio"/>	Cipher text
<input type="radio"/>	Message
<input type="radio"/>	Protocol

Sonu Ilyas Mughal

Click to Save Answer & Move to Next Ques



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CS601:Grand Quiz

Quiz St

Question # 5 of 30 (Start time: 02:57:29 PM, 01 January 2021)

Block coding can help in _____ at the receiver side.

Select the correct option

Sonu Ilyas Mughal

<input type="radio"/>	Synchronization
<input type="radio"/>	Distortion
<input type="radio"/>	Error detection
<input checked="" type="radio"/>	Synchronization and error detection

Click to Save A



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CS601:Grand Quiz

Question # 6 of 30 (Start time: 02:57:52 PM, 01 January 2021)

_____ is normally used where speed is priority in data transfer.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---------------------------------------|
| <input type="radio"/> | Serial data transmission |
| <input type="radio"/> | Hybrid data transmission |
| <input checked="" type="radio"/> | Parallel data transmission |
| <input type="radio"/> | Both parallel and serial transmission |



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CS601:Grand Quiz

sec(s)

Quiz Start Time: 02:55 PM, 01 January 2

Question # 7 of 30 (Start time: 02:58:14 PM, 01 January 2021)

Total Mark

In analog transmission of digital data, the required bandwidth is always proportional to the signal rate except in _____, a digital to analog conversion technique.

Select the correct option

<input type="radio"/>	ASK
<input checked="" type="radio"/>	FSK
<input type="radio"/>	PSK
<input type="radio"/>	NSK

Sonu Ilyas Mughal

Click to Save Answer & Move to Next Question



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CS601:Grand Quiz

Question # 8 of 30 (**Start time: 02:58:44 PM, 01 January 2021**)

Router is a network device which operates on the _____ layer of the TCP/IP protocol suite.

Select the correct option

Sonu Ilyas Mughal

<input type="radio"/>	Application
<input type="radio"/>	Transport
<input checked="" type="radio"/>	Network
<input type="radio"/>	Presentation



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CS601:Grand Quiz

Question # 9 of 30 (**Start time: 02:59:10 PM, 01 January 2021**)

Signals travel through fiber optic cable are in the form of _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-----------------|
| <input checked="" type="radio"/> | Light |
| <input type="radio"/> | Bits |
| <input type="radio"/> | Electromagnetic |
| <input type="radio"/> | Bytes |



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CS601:Grand Quiz

Question # 10 of 30 (Start time: 02:59:33 PM, 01 January 2021)

In circuit switching total Delay is combination of Connection Time, Data transfer time and _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---------------------------|
| <input type="radio"/> | Switching time |
| <input type="radio"/> | Acknowledgement time |
| <input type="radio"/> | Receiving time |
| <input checked="" type="radio"/> | Connection Tear down time |



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CS601:Grand Quiz

Question # 11 of 30 (**Start time: 02:59:55 PM, 01 January 2021**)

_____ is NOT an example of a connecting device.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|--------|
| <input type="radio"/> | Bridge |
| <input type="radio"/> | Router |
| <input checked="" type="radio"/> | TCP |
| <input type="radio"/> | Switch |



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Qu

Question # 12 of 30 (Start time: 03:00:19 PM, 01 January 2021)

_____ is an example of a host in a network.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|----------|
| <input type="radio"/> | Router |
| <input checked="" type="radio"/> | Computer |
| <input type="radio"/> | Bridge |
| <input type="radio"/> | Hub |



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CS601:Grand Quiz

Quiz Start Time: 02:55 PM, 01 Ja

Question # 13 of 30 (Start time: 03:00:45 PM, 01 January 2021)

To

In _____ scheme the voltages are on both sides of the time axis and voltage level for 0 can be positive and the voltage level for 1 can be negative.

Select the correct option

<input type="radio"/>	Uni-level
<input checked="" type="radio"/>	Polar
<input type="radio"/>	Uni-polar
<input type="radio"/>	Bipolar

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Click to Save Answer & Move to Next Q



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CS601:Grand Quiz

Question # 14 of 30 (**Start time: 03:01:08 PM, 01 January 2021**)

_____ is normally used for long-distance data transfer.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---------------------------------------|
| <input type="radio"/> | Parallel data transmission |
| <input checked="" type="radio"/> | Serial data transmission |
| <input type="radio"/> | Hybrid data transmission |
| <input type="radio"/> | Both parallel and serial transmission |



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CS601:Grand Quiz

Question # 15 of 30 (**Start time: 03:01:31 PM, 01 January 2021**)

_____ cable is used in Wavelength division multiplexing.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|--------------|
| <input type="radio"/> | Twisted pair |
| <input type="radio"/> | Coaxial |
| <input checked="" type="radio"/> | Fiber optic |
| <input type="radio"/> | Ethernet |



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CS601:Grand Quiz

Question # 16 of 30 (Start time: 03:01:55 PM, 01 January 2021)

There are _____ basic categories of multiplexing.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---|
| <input type="radio"/> | 2 |
| <input checked="" type="radio"/> | 3 |
| <input type="radio"/> | 7 |
| <input type="radio"/> | 5 |



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CS601:Grand Quiz

Question # 17 of 30 (Start time: 03:02:19 PM, 01 January 2021)

Five stations will have _____ full duplexed dedicated links among them to be connected in a Mesh topology.

Select the correct option

Sonu Ilyas Mughal

<input type="radio"/>	Five
<input checked="" type="radio"/>	Ten
<input type="radio"/>	Twenty
<input type="radio"/>	Thirty



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CS601:Grand Quiz

Question # 18 of 30 (**Start time: 03:02:45 PM, 01 January 2021**)

There are _____ components of data communication system.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---|
| <input type="radio"/> | 4 |
| <input checked="" type="radio"/> | 5 |
| <input type="radio"/> | 6 |
| <input type="radio"/> | 7 |



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CS601:Grand Quiz

Q

Question # 19 of 30 (Start time: 03:03:22 PM, 01 January 2021)

Among the following cables given below, _____ cable provides highest bandwidth and less attenuation.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|---------------|
| <input type="radio"/> | UTP |
| <input type="radio"/> | Coaxial cable |
| <input type="radio"/> | Coaxial cable |
| <input checked="" type="radio"/> | Fiber optical |



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CS601:Grand Quiz

Question # 20 of 30 (**Start time: 03:03:47 PM, 01 January 2021**)

In Pulse Code Modulation (PCM), the sampling is dependent on _____.

Select the correct option

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<input checked="" type="radio"/>	Time
<input type="radio"/>	Amplitude
<input type="radio"/>	Frequency
<input type="radio"/>	Signal Rate



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CS601:Grand Quiz

Quiz

Question # 21 of 30 (Start time: 03:04:10 PM, 01 January 2021)

Communication between two users in a Cellular (Mobile) network is an example of _____ communication.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Half duplex |
| <input checked="" type="radio"/> | Full duplex |
| <input type="radio"/> | Simplex |
| <input type="radio"/> | Complex |



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CS601:Grand Quiz

Quiz Start

Question # 22 of 30 (Start time: 03:04:32 PM, 01 January 2021)

_____ is composed of thousands of interconnected networks expanded over large geographical area.

Select the correct option

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Local Area Network



Metropolitan Area Network



Home Network



The Internet



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CS601:Grand Quiz

Quiz

Question # 23 of 30 (Start time: 03:04:53 PM, 01 January 2021)

When the bandwidth of a link is greater than the combined bandwidths of the signals, we use _____ multiplexing.

Select the correct option

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<input type="radio"/>	Wavelength division
<input checked="" type="radio"/>	Frequency division
<input type="radio"/>	Time division
<input type="radio"/>	Hybrid division



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CS601:Grand Quiz

Quiz Start Tim

Question # 24 of 30 (Start time: 03:05:16 PM, 01 January 2021)

_____ are used for multicast communications, such as radio and television.

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Microwaves |
| <input checked="" type="radio"/> | Radio waves |
| <input type="radio"/> | Light wave |
| <input type="radio"/> | Infrared waves |

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Click to Save Answer



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CS601:Grand Quiz

Quiz Start Time:

Question # 25 of 30 (Start time: 03:05:39 PM, 01 January 2021)

Token Ring was devised by _____.

Select the correct option

- | | |
|----------------------------------|------|
| <input checked="" type="radio"/> | IBM |
| <input type="radio"/> | OSI |
| <input type="radio"/> | Dell |
| <input type="radio"/> | NASA |

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Click to Save Answer &



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CS601:Grand Quiz

Question # 26 of 30 (**Start time: 03:06:04 PM, 01 January 2021**)

_____ is sometimes called the bit rate.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-----------------|
| <input type="radio"/> | signal rate |
| <input type="radio"/> | modulation rate |
| <input checked="" type="radio"/> | Data rate |
| <input type="radio"/> | pulse rate |



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CS601:Grand Quiz

Quiz Start Time: 02:55 PM, 01 Janua

Question # 27 of 30 (Start time: 03:06:32 PM, 01 January 2021)

Total M

In _____ switching resources are allocated during the entire duration of the connection and these resources are unavailable to other connections.

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | Message switched networks |
| <input type="radio"/> | Packet-switched networks |
| <input checked="" type="radio"/> | Circuit Switched Networks |
| <input type="radio"/> | Both circuit and message switch network. |

Sonu Ilyas Mughal

Click to Save Answer & Move to Next Ques



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CS601:Grand Quiz

Question # 28 of 30 (**Start time: 03:06:55 PM, 01 January 2021**)

_____category of coaxial cable is used for thin Ethernet.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-------|
| <input checked="" type="radio"/> | RG-58 |
| <input type="radio"/> | RG-59 |
| <input type="radio"/> | RG-1 |
| <input type="radio"/> | RG-47 |



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CS601:Grand Quiz

Quiz Start Ti

Question # 29 of 30 (Start time: 03:07:16 PM, 01 January 2021)

Two PCs and one printer are connected in a network within a room; it is an example of _____.

Select the correct option

Sonu Ilyas Mughal

- | | |
|----------------------------------|-------|
| <input checked="" type="radio"/> | LAN |
| <input type="radio"/> | WAN |
| <input type="radio"/> | MAN |
| <input type="radio"/> | SONET |

Click to Save Answer



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CS601:Grand Quiz

Quiz Start Time: 0

Question # 30 of 30 (Start time: 03:07:50 PM, 01 January 2021)

_____ relatively measures the strength of two signals.

Select the correct option

<input type="radio"/>	Signal rate
<input type="radio"/>	Bit rate
<input checked="" type="radio"/>	Decibel
<input type="radio"/>	Pulse rate

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Click to Save Answer & M



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Subjects Enrolment

- 1) Lecture live on Zoom
- 2) Written Lectures (pdf)
- 3) Recorded Videos
- 4) Topic wise Notes
- 5) Short QA Solved
- 6) MCQs Solved
- 7) Solved Past and Current paper
- 8) Solved Graded Activities (Assignment Quiz GDB)

Activity
Detailed
Information

Project Enrolment Complete training with Live classes on Zoom

- 1) SRS (Software Requirements Specification)
- 2) DD (Design Document)
- 3) Test phase
 - a) Test phase viva (Live Classes for viva preparation)
- 4) Final Deliverable
 - a) Final coding
 - b) Final presentation
 - c) Final report
 - d) Pre final viva (Coding Viva)
 - e) Final viva (Overall Presentation)

*First See Our Result
Than Join Us!*

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