



MC210203323: MUHAMMAD SOHAIL SHABBIR

Time Left 87 sec(s)

CS601 - Data Communication (Quiz1)

Quiz Start Time: 08:36 PM, 05 January 2022

Question # 7 of 10 ( Start time: 08:45:41 PM, 05 January 2022)

Total Marks: 1

\_\_\_\_\_ layer converts frames coming from Data Link layer into bits and sends them on the transmission medium.

Select the correct option

- Network
- Physical
- Application
- Transport

Click to Save Answer & Move to Next Question



## CS601 - Data Communication (Quiz 1)

Question # 4 of 10 ( Start time: 08:21:03 PM, 05 January 2022 )

\_\_\_\_\_ signal can take infinite levels of intensity over time.

Select the correct option

- |                       |          |
|-----------------------|----------|
| <input type="radio"/> | Analog   |
| <input type="radio"/> | Digital  |
| <input type="radio"/> | Discrete |
| <input type="radio"/> | Logical  |

**CS601 - Data Communication (Quiz 1)****Question # 5 of 10 ( Start time: 08:23:16 PM, 05 January 2022 )**

Bandwidth can be measured in \_\_\_\_\_.

**Select the correct option**

<input type="radio"/>	Decibel
<input type="radio"/>	Lambda
<input type="radio"/>	Phase
<input type="radio"/>	Bps

## Question # 6 of 10 ( Start time: 08:24:36 PM, 05 January 2022 )

The number of dedicated links required in Mesh topology is calculated by the formula: \_\_\_\_\_

## Select the correct option

- |                       |            |
|-----------------------|------------|
| <input type="radio"/> | $n(n-1)/2$ |
| <input type="radio"/> | $n(n-1)$   |
| <input type="radio"/> | $n$        |
| <input type="radio"/> | $n^2n$     |



## CS601 – Data Communication (Quiz 1)

Question # 7 of 10 ( Start time: 08:26:19 PM, 05 January 2022 )

Multi-mode technology has \_\_\_\_\_main types for light propagation.

Select the correct option

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



## CS601 - Data Communication (Quiz 1)

Question # 8 of 10 ( Start time: 08:28:05 PM, 05 January 2022 )

Paging System in data communication uses \_\_\_\_\_ waves.

Select the correct option

- |                       |                   |
|-----------------------|-------------------|
| <input type="radio"/> | Radio waves       |
| <input type="radio"/> | Micro waves       |
| <input type="radio"/> | Ultraviolet waves |
| <input type="radio"/> | Infrared waves    |

MC200400980: FARWA SHAFIQ

## CS601 - Data Communication (Quiz 1)

Question # 9 of 10 ( Start time: 08:29:19 PM, 05 January 2022 )

For a noiseless channel, theoretical formula to calculate the data rate was developed by \_\_\_\_\_

Select the correct option



Hamming



Rivest



Nyquist



Shannon

Question # 1 of 10 ( Start time: 08:30:07 PM, 05 January 2022 )

Total Marks: 1

In unidirectional antenna, the common point where all the lines intersect each other is \_\_\_\_\_.

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	Center
<input type="radio"/>	Focus
<input type="radio"/>	Origin
<input type="radio"/>	Axis

[Click to Save Answer & Move to Next Question](#)



MC200400980: FARWA SHAFIQ

CS601 - Data Communication (Quiz 1)

Question # 10 of 10 ( Start time: 08:31:07 PM, 05 January 2022 )

\_\_\_\_\_ is the first step in PCM technique.

Select the correct option

<input type="radio"/>	Substitution
<input type="radio"/>	Quantizing
<input type="radio"/>	Sampling
<input type="radio"/>	Encoding

Question # 2 of 10 ( start time: 08:31:18 PM, 05 January 2022 )

Total Marks: 1

A frequency is called -----, if the rate of change in sine wave is instantaneous.

Select the correct option

<input type="radio"/>	Frequency hertz
<input type="radio"/>	Infinite frequency
<input type="radio"/>	Bandwidth
<input type="radio"/>	Zero frequency

Click to Save Answer & Move to Next Question



Question # 3 of 10 ( Start time: 08:32:44 PM, 05 January 2022 )

Total Marks: 1

The material used for conduction in twisted pair cable is \_\_\_\_\_

Select the correct option.

 Reload Math Equations

- Silver
- Copper
- Aluminum
- Gold

Click to Save Answer & Move to Next Question

Question # 4 of 10 ( Start time: 08:33:42 PM, 05 January 2022 )

Total Marks: 1

Unipolar encoding scheme uses \_\_\_\_\_ voltage level.

Select the correct option



One



Two



Four



Three

Click to Save Answer & Move to Next Question





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Time Left

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 08:36 PM, 05 January

Question # 6 of 10 (Start time: 08:44:04 PM, 05 January 2022)

Total

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

Select the correct option

Five

Twenty

Thirty

Ten

[Click to Save Answer & Move to Next Question](#)



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Time Left 87 sec(s)

CS601 - Data Communication (Quiz1)

Quiz Start Time: 08:36 PM, 05 January 2022

Question #1 of 10 (start time: 08:36:08 PM, 05 January 2022)

Total Marks: 1

In \_\_\_\_\_ transmission mode(s), multiple bits are sent simultaneously.

Select the correct option

 Parallel Serial In Serial and Parallel Sequential[Click to Save Answer & Move to Next Question](#)



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CS601 - Data Communication (Quiz 1)

Quiz Start Time:

Question # 2 of 10 ( Start time: 08:37:44 PM, 05 January 2022 )

A variation of AMI encoding is called as \_\_\_\_\_.

Select the correct option

- |                       |               |
|-----------------------|---------------|
| <input type="radio"/> | Uni-polar     |
| <input type="radio"/> | Uni-code      |
| <input type="radio"/> | Polar         |
| <input type="radio"/> | Pseudoternary |

Click to Save Answer



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CS601 - Data Communication (Quiz 1)

Quiz Start Time: 08:3

Question # 3 of 10 ( Start time: 08:38:52 PM, 05 January 2022 )

Technique that allows the simultaneous transmission of multiple signals across a single data link, is known as \_\_\_\_\_

Select the correct option



- Demodulating
- Encryption
- Multiplexing
- Compressing

Click to Save Answer & Mo



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CS601 - Data Communication (Quiz 1)

Question # 4 of 10 ( Start time: 08:40:03 PM, 05 January 2022 )

Switch is a \_\_\_\_\_ layer device.

Select the correct option

- |                       |             |
|-----------------------|-------------|
| <input type="radio"/> | Transport   |
| <input type="radio"/> | Application |
| <input type="radio"/> | Network     |
| <input type="radio"/> | Data link   |



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CS601 - Data Communication (Quiz 1)

Quiz Sta

Question # 5 of 10 ( Start time: 08:42:03 PM, 05 January 2022 )

The most common type of connector used by coaxial cable is \_\_\_\_\_

Select the correct option

- |                       |       |
|-----------------------|-------|
| <input type="radio"/> | RJ-45 |
| <input type="radio"/> | RJ-57 |
| <input type="radio"/> | BNC   |
| <input type="radio"/> | RJ-11 |

Click to Save



MC200400980: FARWA SHAFIQ

Time Left 03  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 08:18 PM, 05 January 20

Question # 3 of 10 (Start time: 08:19:49 PM, 05 January 2022)

Total Mark

In a computer network, five stations are connected to each other in such a way that each station is connected to every other station through dedicated links. This makes \_\_\_\_\_ topology.

Select the correct option

 Star Ring Mesh Bus[Click to Save Answer & Move to Next Question](#)



MC200400980: FARWA SHAFIQ

Time Left: 80  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 08:18 PM, 05 January 20

Question # 3 of 10 ( Start time: 08:19:49 PM, 05 January 2022 )

Total Mark

In a computer network, five stations are connected to each other in such a way that each station is connected to every other station through dedicated links. This makes \_\_\_\_\_ topology.

Select the correct option

 Star Ring Mesh Bus[Click to Save Answer & Move to Next Question](#)





BC200414974: SHANEQASIM

## CS601 - Data Communication (Quiz 1)

Question # 1 of 10 ( Start time: 07:37:24 PM, 05 January 2022 )

In the analog transmission of digital data,  
the baud rate is \_\_\_\_\_ to the bit rate.

Select the correct option

- |                       |                       |
|-----------------------|-----------------------|
| <input type="radio"/> | less than or equal    |
| <input type="radio"/> | less than             |
| <input type="radio"/> | greater than          |
| <input type="radio"/> | greater than or equal |



Type here to search



BC190202364: MEHVISH RASHEED

Time Left 89 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:35 PM, 05 January 2022

Question # 5 of 10 ( Start time: 07:37:25 PM, 05 January 2022 )

Total Marks: 1

Radio waves are propagated in \_\_\_\_\_ whenever they are transmitted by an antenna.

Select the correct option

Reload Math Equations

Only up and down direction

Right direction

All directions

Left direction

Click to Save Answer & Move to Next Question

BC200414974: SHANEQASIM

CS601 - Data Communication (Quiz 1)

Question # 2 of 10 ( Start time: 07:38:21 PM, 05 January 2022 )

Entire band in United States is regulated by \_\_\_\_\_ authorities.

Select the correct option

- FCC
- ITU
- NASA
- ANSI



BC190202364: MEHVISH RASHEED

Time Left 85  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:35 PM, 05 January 2022

Question # 7 of 10 ( Start time: 07:38:21 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ is a type of serial transmission in which timing of signal is unimportant as information received is agreed upon certain agreements between sender and receiver.

Select the correct option

- |                       |                 |
|-----------------------|-----------------|
| <input type="radio"/> | Metasynchronous |
| <input type="radio"/> | Isochronous     |
| <input type="radio"/> | Synchronous     |
| <input type="radio"/> | Asynchronous    |

Click to Save Answer &amp; Move to Next Question



BC200414974: SHANEQASIM

CS601 – Data Communication (Quiz 1)

Question # 3 of 10 ( Start time: 07:39:10 PM, 05 January 2022 )

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

Select the correct option

- Quantizing
- Sampling
- Modulation
- Quantizing and Sampling



BC190202364: MEHVISH RASHEED

CS601 - Data Communication (Quiz 1)

Question # 9 of 10 ( Start time: 07:39:38 PM, 05 January 2022 )

$N = S \times r$  is the formula for finding \_\_\_\_\_ .

Select the correct option

- |                       |                |
|-----------------------|----------------|
| <input type="radio"/> | Bit rate       |
| <input type="radio"/> | Baud rate      |
| <input type="radio"/> | Data element   |
| <input type="radio"/> | Signal element |



BC200414674: SHANEQASIM

CS601 - Data Communication (Quiz 1)

Quiz Start Th

Question # 4 of 10 ( Start time: 07:40:08 PM, 05 January 2022 )

The minimum bandwidth required for QAM transmission is the same as that required for \_\_\_\_\_ and \_\_\_\_\_ transmission.

Select the correct option

- ASK, PSK
- FSK, QPSK
- FSK, ASK
- PSK, FSK



BC190202364: MEHVISH RASHEED

CS601 – Data Communication (Quiz 1)

Question # 10 of 10 ( Start time: 07:40:26 PM, 05 January 2022 )

TCP/IP was presented by \_\_\_\_\_ in a research paper.

Select the correct option

- |                       |                                |
|-----------------------|--------------------------------|
| <input type="radio"/> | Vint Cerf and Bob Kahn         |
| <input type="radio"/> | Vint Cerf and David Lazer      |
| <input type="radio"/> | Duncan Watts and Peter Bearman |
| <input type="radio"/> | Bob Kahn and Kathleen Carley   |

Question # 5 of 10 ( Start time: 07:41:02 PM, 05 January 2022 )

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

Select the correct option

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



Type here to search



BC200414974: SHANEQASIM

## CS601 - Data Communication (Quiz 1)

Question # 7 of 10 ( Start time: 07:42:50 PM, 05 January 2022 )

In Amplitude Shift Keying \_\_\_\_\_ remain(s) constant.

Select the correct option

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



Type here to search



Quiz

in amplitude shift keying remain



vuims.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=665d6e1e-3ea0-4bac-8f26-2bd7Aee9e66d

BC200414974: SHANEQASIM

CS601 – Data Communication (Quiz 1)

Question # 8 of 10 ( Start time: 07:43:36 PM, 05 January 2022 )

Set of rules to be followed for effective network communication is called \_\_\_\_\_

Select the correct option

<input type="radio"/>	Protocol
<input type="radio"/>	Switching
<input type="radio"/>	Topology
<input type="radio"/>	Encryption



Type here to search



BC200414974: SHANEQASIM

CS601 - Data Communication (Quiz 1)

Question # 9 of 10 ( Start time: 07:44:26 PM, 05 January 2022 )

The bandwidth-delay product defines the number of bits that can fill the \_\_\_\_\_.

Select the correct option

- Hub
- Switch
- Network
- Link

cs601 - Data Communication (Quiz 1)

Quiz Start Time: 07:44 PM, 05 Jan

Question # 1 of 10 ( Start time: 07:44:21 PM, 05 January 2022)

Total

AMI is a popular \_\_\_\_\_ encoding method.

Select the correct option

- Bi-polar
- Substitution
- Uni-polar
- Polar

Click to Save Answer & Move to Next Question



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CS601 - Data Communication (Quiz 1)

Question # 10 of 10 ( Start time: 07:45:27 PM, 05 January 2022 )

A frequency is called -----, if the rate of change in sine wave is instantaneous.

Select the correct option

- Frequency hertz
- infinite frequency
- Zero frequency
- Bandwidth

BC200410732: SYED MUHAMMAD EHTASHAM BUKHARI

Time Left: 04:00:00

CS601 - Data communication (Quiz1)

Quiz Start Time: 07:44 PM, 05 January 2022

Question #10 of 10 (Start time: 07:54:00 PM, 05 January 2022)

Total Marks: 1

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

Select the correct option

- Half duplex
- Simplex
- Complex
- Full duplex

Click to Save Answer & Move to Next Question

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

Select the correct option

- Time
- Amplitude
- Phase
- Wavelength

Click to Save Answer & Move to Next Qu



Question # 8 of 10 ( Start time: 07:52:23 PM, 05 January 2022 )

If a digital signal has four levels, then we need \_\_\_\_\_ bits to represent each level.

Select the correct option

- 4
- 5
- 3
- 2

Click to Save Answer & Move to Next

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:44 PM, 05

Question # 6 of 10 ( Start time: 07:50:22 PM, 05 January 2022 )

Technique that allows the simultaneous transmission of multiple signals across a single data link, is known as \_\_\_\_\_

Select the correct option

 Reload Mat

- Compressing
- Demodulating
- Encryption
- Multiplexing

Click to Save Answer & Move to Next

BC200410732: SYED MUHAMMAD EHTASHAM BUKHARI Time Left 85 sec(s)  
CS601 - Data Communication (Quiz) Quiz Start Time: 07:44 PM, 05 January 2022

Question # 5 of 10 ( Start time: 07:48:53 PM, 05 January 2022) Total Marks: 1

In Pulse code modulation the term sampling can also be referred as \_\_\_\_\_

- Select the correct option**
- Pulse Frequency Modulation
  - Pulse Amplitude Modulation
  - Pulse sample Modulation
  - Pulse Line Modulation

[Click to Save Answer & Move to Next Question](#)

BC200410732: SYED MUHAMMAD EHTASHAM BUKHARI

Time Left 87  
sec(s)

CS601 - Data Communication (Quiz1)

Quiz Start Time: 07:44 PM, 05 January 2022

Question # 4 of 10 ( Start time: 07:48:06 PM, 05 January 2022 )

Total Marks

A frequency is called -----, if sine wave does not change with time.

Select the correct option

- Bandwidth
- infinite frequency
- Zero frequency
- Frequency hertz

Click to Save Answer & Move to Next Question



BC190409879: WASIF AMEEN

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:55 PM, 05 January 2022

Question # 10 of 10 ( Start time: 08:06:19 PM, 05 January 2022 )

Total Marks: 1

Latency is made of \_\_\_\_\_ components.

Select the correct option

- Four
- Two
- Five
- Three

Click to Save Answer & Move to Next Question



BC200404616: MUHAMMAD WASEEM SHEHZAD

Time Left 90  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 08:09 PM, 05 January 2022

Question #1 of 10 ( start time: 08:09:18 PM, 05 January 2022 )

Total Marks: 1

A telephone line analog signal has got the bandwidth of \_\_\_\_\_

Select the correct option

 2 kHz 16 kHz 8 kHz 4 kHz[Click to Save Answer & Move to Next Question](#)



# Quiz

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BC200404616: MUHAMMAD WASEEM SHEHZAD

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 0

Question # 1 of 10 (Start time: 08:09:18 PM, 05 January 2022)

A telephone line analog signal has got the bandwidth of \_\_\_\_\_

Select the correct option

- |                       |        |
|-----------------------|--------|
| <input type="radio"/> | 2 kHz  |
| <input type="radio"/> | 16 kHz |
| <input type="radio"/> | 8 kHz  |
| <input type="radio"/> | 4 kHz  |

Click to Save Answer &



# Quiz

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CS501 - Data Communication (Quiz1)

Quiz Start Time: 08:09 PM, 05 January 2022

Question # 2 of 10 (start time: 08:10:49 PM, 05 January 2022)

Total Marks:

\_\_\_\_\_ is a type of serial transmission in which timing of signal is unimportant as information received is agreed upon certain agreements between sender and receiver.

Select the correct option

Synchronous

Metasynchronous

Isochronous

Asynchronous

Click to Save Answer & Move to Next Question



# Quiz

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BC200404616: MUHAMMAD WASEEM SHEHZAD

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 08:09 PM

Question # 3 of 10 ( Start time: 08:11:48 PM, 05 January 2022)

\_\_\_\_\_ layer is responsible for creating datagrams.

Select the correct option

- |                       |           |
|-----------------------|-----------|
| <input type="radio"/> | Data Link |
| <input type="radio"/> | Network   |
| <input type="radio"/> | Physical  |
| <input type="radio"/> | Session   |

Click to Save Answer & Move to



BC200404616: MUHAMMAD WASEEM SHEHZAD

CS601 - Data Communication (Quiz 1)

Qui

Question # 4 of 10 ( Start time: 08:13:06 PM, 05 January 2022 )

In Amplitude Shift Keying \_\_\_\_\_ remain(s) constant.

Select the correct option

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

Click to S



## CS601 - Data Communication (Quiz 1)

Question # 5 of 10 ( Start time: 08:14:22 PM, 05 January 2022 )

In Bus topology, the cable used to connect a node with the backbone cable is called \_\_\_\_\_.

Select the correct option

- |                       |               |
|-----------------------|---------------|
| <input type="radio"/> | Connector     |
| <input type="radio"/> | Main Line     |
| <input type="radio"/> | Central Cable |
| <input type="radio"/> | Drop Line     |

Click

Question # 7 of 10 ( Start time: 08:13:40 PM, 05 January 202

Token Ring was devised by -----.

Select the correct option

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



BC200404616: MUHAMMAD WASEEM SHEHZAD

CS601 - Data Communication (Quiz 1)

Question # 6 of 10 ( Start time: 08:16:07 PM, 05 January 2022 )

The bipolar encoding scheme was developed as an alternative of \_\_\_\_\_.

Select the correct option

- |                       |                         |
|-----------------------|-------------------------|
| <input type="radio"/> | Differential Manchester |
| <input type="radio"/> | RZ                      |
| <input type="radio"/> | Manchester              |
| <input type="radio"/> | NRZ                     |

Click to



MC200400980: FARWA SHAFIQ

CS601 - Data Communication (Quiz 1)

Quiz

Question # 1 of 10 ( Start time: 08:16:04 PM, 05 January 2022 )

In Binary ASK, the peak amplitude of one signal level is 0 and the other is the same as the \_\_\_\_\_

Select the correct option

- |                       |            |
|-----------------------|------------|
| <input type="radio"/> | Modulation |
| <input type="radio"/> | Frequency  |
| <input type="radio"/> | Amplitude  |
| <input type="radio"/> | Phase      |

Click to See





MC200400980: FARWA SHAFIQ

CS601 - Data Communication (Quiz 1)

Question # 2 of 10 ( Start time: 08:18:23 PM, 05 January 2022 )

----- is the sub type of Time Division Multiplexing Technique.

Select the correct option

- |                       |                 |
|-----------------------|-----------------|
| <input type="radio"/> | Statistical TDM |
| <input type="radio"/> | Amplitude TDM   |
| <input type="radio"/> | Light TDM       |
| <input type="radio"/> | Barrier TDM     |



BC200414974: SHANEQASIM

CS601 - Data Communication (Quiz 1)

Question # 6 of 10 ( Start time: 07:41:49 PM, 05 January 2022 )

Coaxial cables are categorized by their \_\_\_\_\_ ratings.

Select the correct option

- |                       |   |
|-----------------------|---|
| <input type="radio"/> | Electronic Industries Association (EIA) |
| <input type="radio"/> | Amplitude modulation (AM)               |
| <input type="radio"/> | Radio Government (RG)                   |
| <input type="radio"/> | Frequency modulation (FM)               |



Type here to search





BC200205783: IZAZ AHMAD KHAN

CS601 - Data Communication (Quiz 1)

Quiz Start Y

Question # 8 of 10 ( Start time: 07:31:43 PM, 05 January 2022 )

Which digital multiplexing technique is used to allow several connections to share the high bandwidth of a link?

Select the correct option

- |                       |     |
|-----------------------|-----|
| <input type="radio"/> | WDM |
| <input type="radio"/> | FDM |
| <input type="radio"/> | ADM |
| <input type="radio"/> | TDM |

Click to Save Answer



BC190202364; MEHVISH RASHEED

Time Left 88  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:35 PM, 05 January 2022

Question # 4 of 10 ( Start time: 07:36:47 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ layer converts frames coming from Data Link layer into bits and sends them on the transmission medium.

Select the correct option

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

Click to Save Answer &amp; Move to Next Question





BC200205783: IZAZ AHMAD KHAN

CS601 - Data Communication (Quiz 1)

Question # 10 of 10 ( Start time: 07:33:56 PM, 05 Janua

$N = S \times r$  is the formula for finding \_\_\_\_\_ .

Select the correct option

<input type="radio"/>	Bit rate
<input type="radio"/>	Signal element
<input type="radio"/>	Baud rate
<input type="radio"/>	Data element



BC200205783: IZAZ AHMAD KHAN

Time

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:38 PM, 05

Question # 9 of 10 ( Start time: 07:32:34 PM, 05 January 2022 )

When certain obstacles block the cellular towers to communicate, \_\_\_\_\_ are required for long distance communication.

Select the correct option

Reload Mat

- |                       |           |
|-----------------------|-----------|
| <input type="radio"/> | Repeaters |
| <input type="radio"/> | Switches  |
| <input type="radio"/> | Servers   |
| <input type="radio"/> | Routers   |

[Click to Save Answer & Move To Next](#)

BC190202364: MEHVISH RASHEED

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:35 PM, 05 January 2022

Question # 2 of 10 ( Start time: 07:36:59 PM, 05 January 2022 )

Total Marks: 1

The material used for conduction in twisted pair cable is .....

Select the correct option

Reload Math Equations

- Silver
- Copper
- Aluminum
- Gold

Click to Save Answer & Move to Next Question



BC190202364: MEHVISH RASHEED

Time Left 88  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:35 PM, 05 January 2022

Question # 1 of 10 ( Start time: 07:35:08 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ can be published using Request for Comments (RFCs).

Select the correct option

- |                       |                   |
|-----------------------|-------------------|
| <input type="radio"/> | Internet Standard |
| <input type="radio"/> | Proposed Standard |
| <input type="radio"/> | Draft Standard    |
| <input type="radio"/> | Internet Draft    |

Click to Save Answer &amp; Move to Next Question





In analog transmission of digital data, the required b

**Select the correct option**

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



BC200205783: IZAZ AHMAD KHAN

CS601 - Data Communication (Quiz 1)

Question # 6 of 10 ( Start time: 07:29:53 PM, 05 January 2022 )

Most commonly used connector for twisted pair cable is \_\_\_\_\_.

Select the correct option

<input type="radio"/>	RJ-45
<input type="radio"/>	RJ-44
<input type="radio"/>	RJ-52
<input type="radio"/>	RJ-11



BC200205783: IZAZ AHMAD KHAN

Time Left 88  
Sec: (s)

CS601 - Data Communication (Quiz1)

Quiz Start Time: 07:38 PM, 05 January 2022

Question # 7 of 10 ( Start time: 07:30:39 PM, 05 January 2022)

Total Marks:

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 type="radio"/> | NRZ |
| <input type="radio"/> | FSK |
| <input type="radio"/> | PSK |

[Click to Save Answer & Move to Next Question](#)

7:31

34 B/s 52



Quiz

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BC200205783: IZAZ AHMAD KHAN

CS601 – Data Communication (Quiz 1)

Quiz Start Time: 07:18 PM, 05 January 2022

Time Left 73 sec(s)

Question # 7 of 10 ( Start time: 07:30:39 PM, 05 January 2022 )

Total Marks: 1

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

A QV

Question # 10 of 10 ( Start time: 08:12:52 PM, 05 January 2022 )

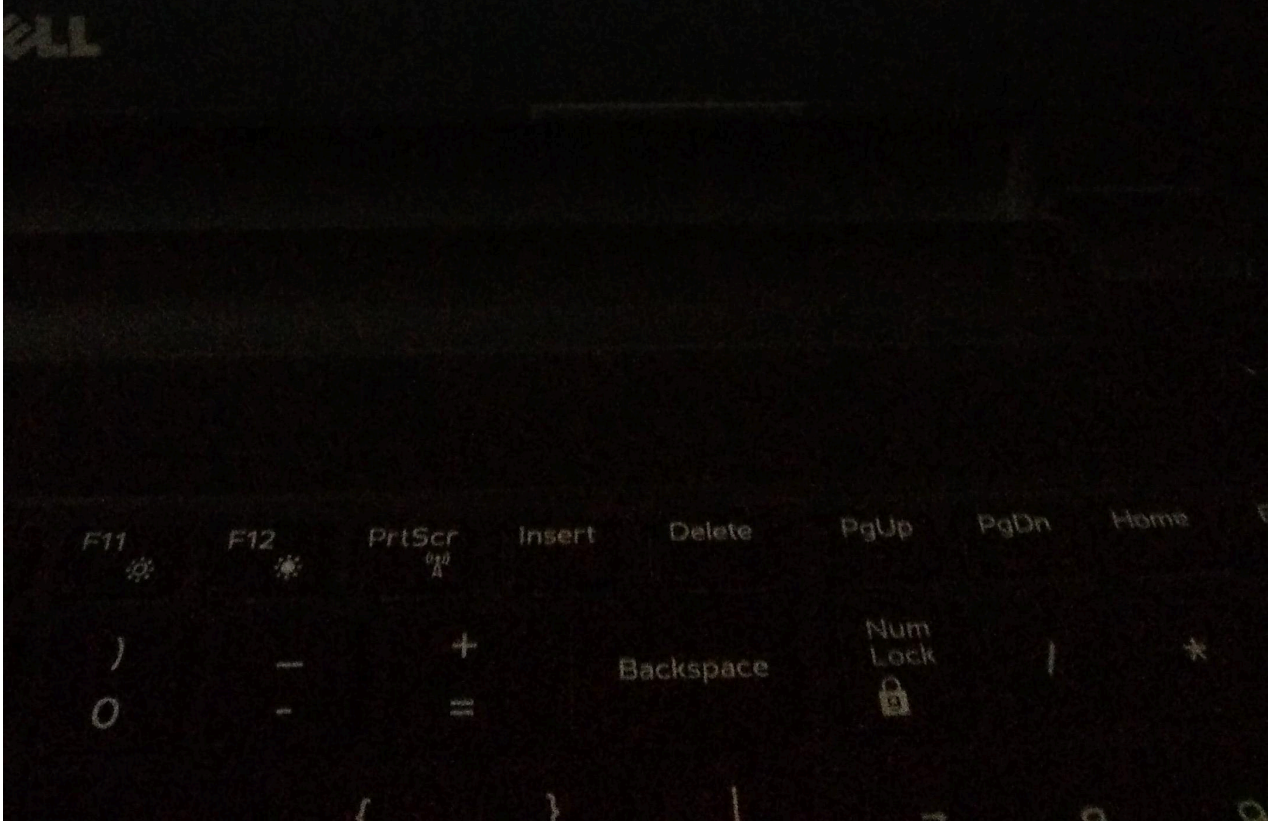
Total Marks: 1

We can have combination of \_\_\_\_\_possible codes with a 5-bit code.

Select the correct option

- 32
- 4
- 16
- 8

Click to Save Answer & Move to Next Question



Question # 9 of 10 (Start time: 08:12:15 PM, 05 January 2022)

Total Marks: 1

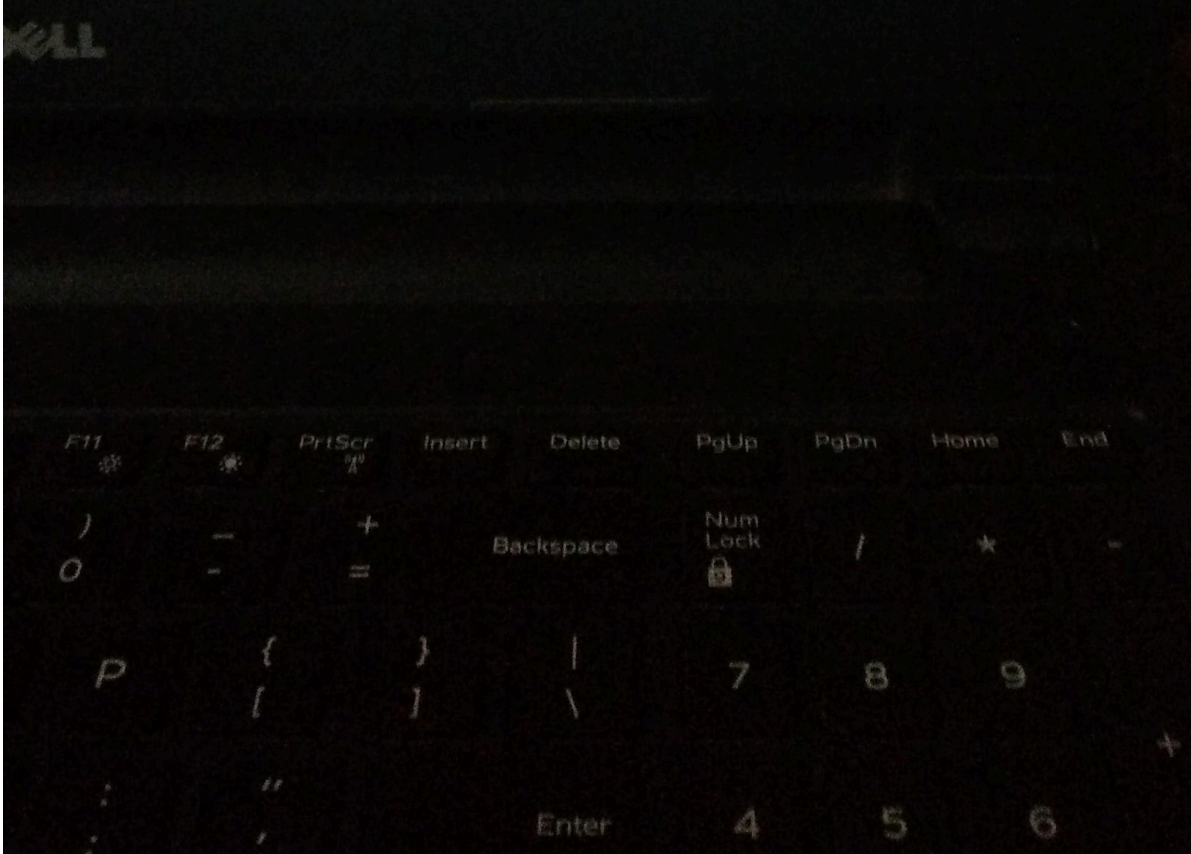
In \_\_\_\_\_ modulation process is used by the transmitting devices to shift their data to a specific carrier frequency for multiplexing.

Select the correct option

Reload Math Equations

- PDM
- WDM
- FDM
- TDM

Click to Save Answer & Move to Next Question



Question # 8 of 10 ( Start time: 08:11:40 PM, 05 January 2022 )

Latency is made of \_\_\_\_\_ components.

Select the correct option

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

Click to Save Answer

Latency is made of \_\_\_\_\_ components.

Select the correct option

- Three
- Five
- Two
- Four

Click to Save Answer

Question # 7 of 10 ( Start time: 08:11:21 PM, 05 January 2022 )

Reliability of network is measured by -----.

Select the correct option

<input type="radio"/>	Delay
<input checked="" type="radio"/>	Accuracy
<input type="radio"/>	Jitter
<input type="radio"/>	Throughput

Click to Save Answer



12°C Light rain

Question # 6 of 10 ( Start time: 08:11:02 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ is the Nyquist bit rate formula for noiseless channel.

Select the correct option

- BitRate = 2\*Bandwidth\*log2
- BitRate = 2\*Bandwidth\*log2 L
- BitRate = 2\*Bandwidth\* L
- BitRate = 3\*Bandwidth\*log2 L

Click to Save Answer & Move to Next Question

12°C Light rain 8:11 PM 1/5/2022

DELL

F10 F11 F12 PrtScr Insert Delete PgUp PgDn Home  
( ) - + Backspace Num Lock |  
9 0 - =

BC200415058: ARZOO QAMAR

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 08:05 PM, 05

Question # 5 of 10 ( Start time: 08:10:30 PM, 05 January 2022 )

\_\_\_\_\_ component of data communication governs the overall communication on the network.

Select the correct option

- Protocol
- Sender
- Transmission Medium

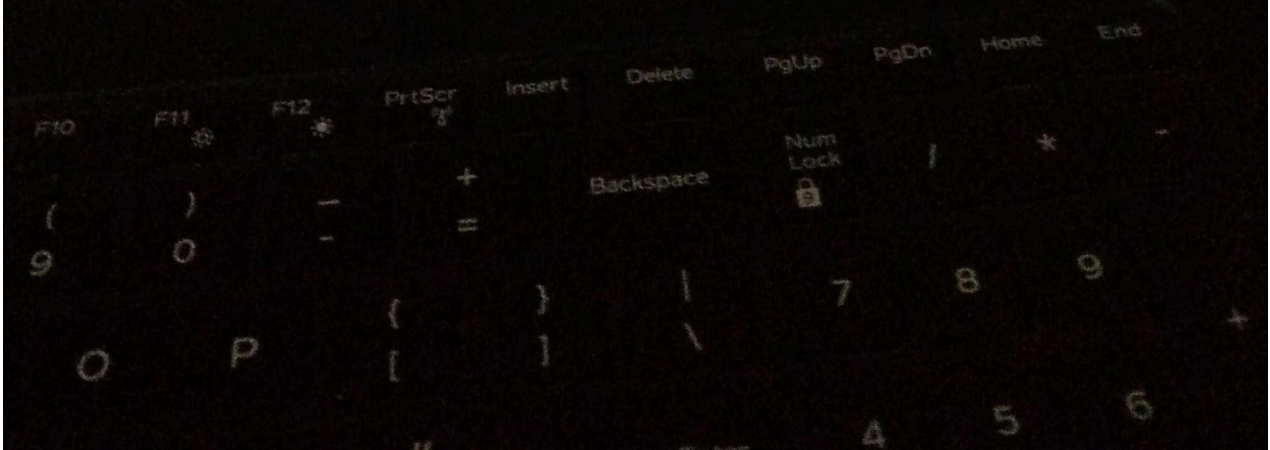
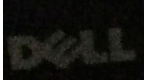
Question # 4 of 10 (Start time: 08:09:44 PM, 05 January 2022) Total Marks: 1

The \_\_\_\_\_ technique expands the bandwidth of a signal by replacing each data bit with n bits using a spreading code.

Select the correct option

- FDM
- FHSS
- TDM
- DSSS

Click to Save Answer & Move to Next Question



Question # 3 of 10 ( Start time: 08:09:26 PM, 05 January 2022 )

Total Marks: 1

In the analog transmission of digital data,  
the baud rate is ----- to the bit rate.

Select the correct option

- less than or equal
- less than
- greater than
- greater than or equal

Click to Save Answer &amp; Move to Next Question

12°C Light rain 8:09 PM  
1/5/2022

DELL

F10

F11

F12

PrtScr

Insert

Delete

PgUp

PgDn

9

0

-

+

=

Backspace

Num  
Lock

Question # 1 of 10 ( Start time: 08:06:59 PM, 05 January 2022 )

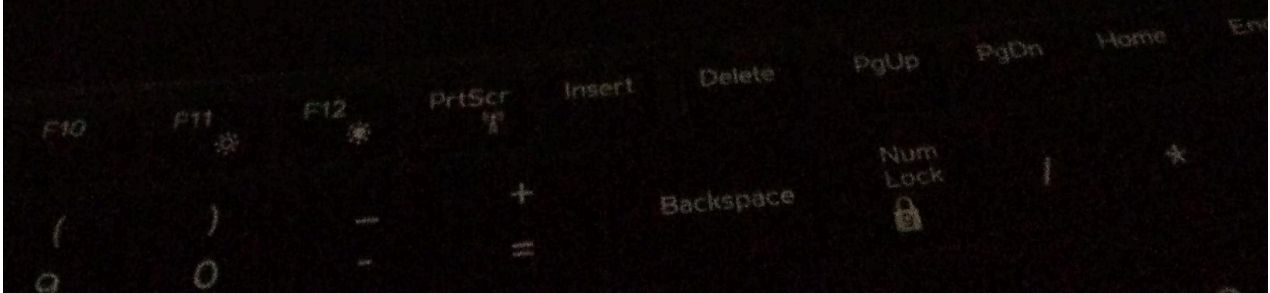
Total Marks: 1

Bandwidth in hertz is the range of \_\_\_\_\_ contained in a composite signal.

Select the correct option

- Amplitudes
- Frequencies
- Phases
- Signals

Click to Save Answer & Move to Next Question





## Question # 1 of 10 ( Start time: 07:09:46 PM, 05 January 2022 )

The bipolar encoding scheme was developed as an alternative of \_\_\_\_\_.

## Select the correct option

- |                       |                         |
|-----------------------|-------------------------|
| <input type="radio"/> | Differential Manchester |
| <input type="radio"/> | NRZ                     |
| <input type="radio"/> | Manchester              |
| <input type="radio"/> | RZ                      |

[Click to Save Answer](#)



MC210402013: HAMZA MANZOOR

Time Left

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 06:54 PM, 05 Janu

Question # 8 of 10 ( start time: 07:03:35 PM, 05 January 2022 )

Total

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

Select the correct option

- Frequency, Amplitude
- Amplitude, Frequency
- Analog, Digital
- Frequency, Bit Stream

Click to Save Answer & Move to Next Question



vulms.vu.edu.pk/Quiz/

11



MC210402013: HAMZA MANZOOR

Time Left 8 sec

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 06:54 PM, 05 January 2022

Question # 9 of 10 ( start time: 07:05:07 PM, 05 January 2022 )

Total Marks

In \_\_\_\_\_ modulation, frequency and amplitude remains constant.

Select the correct option

Reload Math Equations

- Frequency
- Phase
- Quadrature
- Amplitude

Click to Save Answer & Move to Next Question



MC21D402D13: HAMZA MANZOOR

Time Left 85 sec(s)

C:5501 - Data Communication (Quiz 1)

Quiz start time: 06:54 PM, 05 January 2022

Question # 10 of 10 ( Start time: 07:06:38 PM, 05 January 2022 )

Total Marks :

In case of Frequency shift key, the difference between two frequencies is represented as \_\_\_\_\_

Select the correct option

- 5 Δ
- 3 Δ
- 2X Δ
- 2 Δ

Click to Save Answer & Move to Next Question

BC190409879: WASIF AMEEN

Time Left 89 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:55 PM, 05 January 2022

Question # 3 of 10 (Start time: 07:57:43 PM, 05 January 2022)

Total Marks: 1

Technique that allows the simultaneous transmission of multiple signals across a single data link, is known as .....

Select the correct option

Reload Math Equations

- Demodulating
- Compressing
- Encryption
- Multiplexing

Click to Save Answer & Move to Next Question

BC190409879: WASIF AMEEN

Time Left 90 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:55 PM, 05 January 2022

Question # 4 of 10 (Start time: 07:58:36 PM, 05 January 2022)

Total Marks: 1

-----category of coaxial cable is used for thick Ethernet.

Select the correct option

- RG-58
- RG-11
- RG-59
- RG-47

Click to Save Answer & Move to Next Question



BC190409879: WASIF AMEEN

Time Left 90 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:55 PM, 05 January 2022

Question # 6 of 10 (Start time: 08:01:13 PM, 05 January 2022)

Total Marks: 1

A frequency is called -----, if the rate of change in sine wave is instantaneous.

Select the correct option

- Frequency hertz
- Bandwidth
- infinite frequency
- Zero frequency

Click to Save Answer & Move to Next Question

BC190409879: WASIF AMEEN

Time Left 90 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:55 PM, 05 January 2022

Question # 2 of 10 (Start time: 07:56:48 PM, 05 January 2022)

Total Marks: 1

AMI is a popular \_\_\_\_\_ encoding method.

Select the correct option

- Uni-polar
- Bi-polar
- Polar
- Substitution

Click to Save Answer & Move to Next Question



BC200410732: SYED MUHAMMAD EHTASHAM BUKHARI

Time Left 85 sec(s)

CS601 - Data communication (Quiz1)

Quiz Start Time: 07:44 PM, 05 January 2022

Question # 7 of 10 (Start time: 07:51:21 PM, 05 January 2022)

Total Marks: 1

..... is the range of frequencies contained in a composite signal

Select the correct option

- Bandwidth
- Noise
- Amplitude
- Phase

[Click to Save Answer & Move to Next Question](#)

BC200410732: SYED MUHAMMAD EHTASHAM BUKHARI

Time Left 86 sec(s)

CS601 - Data Communication (Quiz1)

Quiz Start Time: 07:44 PM, 05 January 2022

Question # 3 of 10 ( Start time: 07:47:02 PM, 05 January 2022 )

Total Marks: 1

Transmission medium are of ..... types.

Select the correct option

Reveal Math Equations

- Two
- One
- Three
- Four

Click to save Answer & Move to Next Question

BC200410732: 5YED MUHAMMAD EHTASHAM BUKHARI

Time Left 87 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:44 PM, 05 January 2022

Question # 2 of 10 ( start time: 07:45:35 PM, 05 January 2022 )

Total Marks:

The layer of TCP/IP protocol suite which is on the top is known as \_\_\_\_\_ layer.

Select the correct option

Reload Math Equations

- Application
- Data link
- Transport
- Network

Click to Save Answer & Move to Next Question

CS801 - Data Communication (Quiz 1)

Question # 5 of 10 ( Start time: 07:39:29 PM, 05 January 2022 )

Which digital multiplexing technique is used to allow several connections to share the high bandwidth of a link?

Select the correct option

ADM

FDM

WDM

TDM

Type here to search



Click to Stop

12°C

Question # 3 of 10 ( Start time: 07:38:58 PM, 05 January 2022 )

Entire band in United States is regulated by \_\_\_\_\_ authorities.

Select the correct option

- ANSI
- FCC
- ITU
- NASA

8 advice free is presenting

Windows taskbar with icons for various applications including a browser, Word, and other utilities.

Question # 5 of 10 ( Start time: 07:23:39 PM, 05 January 2022 ) You are sharing your entire screen. Stop Sharing Total Marks: 1

In \_\_\_\_\_, the instantaneous change in the carrier frequency is proportional to the derivative of the amplitude of the modulating signal.

Select the correct option

- Amplitude modulation
- Phase modulation
- Frequency modulation
- Quadrature modulation

Click to Save Answer & Move to next Question

advice free is presenting

Taskbar and browser tabs including: Chrome, YouTube, Mezz, evaluation-exam, Article Rewriter - Free, MCOs, Word Forms Quiz Lea...

Question # 5 of 10 (Start time: 07:23:39 PM, 05 January 2022)

You are sharing your entire screen. Stop Sharing

Total Marks: 1

In \_\_\_\_\_, the instantaneous change in the carrier frequency is proportional to the derivative of the amplitude of the modulating signal.

Select the correct option

- Amplitude modulation
- Phase modulation
- Frequency modulation
- Quadrature modulation

Click to Save Answer & Move to Next Question

advice free is presenting

Taskbar and browser tabs showing various applications and a sharing notification: "You are sharing your entire screen. Stop Sharing"

the instantaneous change in the carrier frequency is proportional to the derivative of the amplitude of the modulating signal.

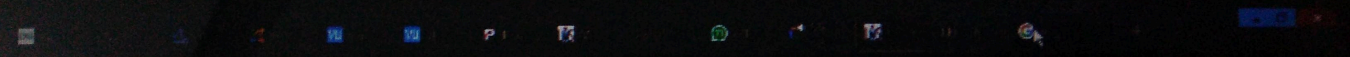
Select the correct option

- Amplitude modulation
- Phase modulation
- Frequency modulation
- Quadrature modulation

Click to Save Answer & Move to Next Question

Windows taskbar with system tray icons and the time 6:04 AM

advice free is presenting



Question 9 of 10 (Start time: 07:25:39 PM, 03 January 2022)

You are sharing your entire screen. Stop Sharing

The instantaneous change in the carrier frequency is proportional to the derivative of the amplitude of the modulating signal.

Select the correct option

- Amplitude modulation
- Phase modulation
- Frequency modulation
- Quadrature modulation

Click to Save Answer & Move to Next Question



Question # 8 of 10 ( Start time: 07:11:12 PM, 05 January 2022 )

Voltage controlled oscillator(VCO) generates -----

▶ Select the correct option

- Signal elements
- Periodic signals
- Carrier Signals
- Composite Signals

▶ Focus | CSS

← → ↻ ⓘ

☰ LECTURE #

BC200405856: RAJA MUHAMMAD TOUQEER SADIQ

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:08 PM, 05 January 2022

Question # 1 of 10 ( Start time: 07:08:01 PM, 05 January 2022 )

Total Marks: 10

In \_\_\_\_\_ medium, signals are normally broadcast through free space and thus are available to anyone who has a device capable of receiving them.

Select the correct option

Reload Math Equation

Wireless

Coaxial cable

STP

Fiber optical

meet.google.com is sharing your screen.

Stop sharing

Hide

Click to Save Answer & Move to Next Question

Type here to search



12°C Light rain

In a computer network, five stations are connected to each other in such a way that each station is connected to every other station through dedicated links. This makes \_\_\_\_\_ topology.

Select the correct option

- Ring
- Mesh
- Bus
- Star

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 06:20 PM, 05 January 2022

Question # 9 of 10 (Start time: 06:30:51 PM, 05 January 2022)

Total Marks: 1

Binary \_\_\_\_\_ is also called On-OFF Keying.

Select the correct option

Reload Math Equations

- FSK
- QAM
- PSK
- ASK

In statistical time division multiplexing, number of slots in frame are less than \_\_\_\_\_

**Select the correct option**

- 
- 
- 
- 

Input frequency  
Output data rate  
Input lines  
Multiplexed T lines

**Question # 7 of 10 ( Start time: 06:28:30 PM, 05 January 2022 )**

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

**Select the correct option**

- Coaxial cable
- STP
- UTP
- Fiber optical

Reload Math

Click to Save Answer & Move to Next

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

**Select the correct option**

- Radio waves
- Microwaves
- Light wave
- Infrared waves

In an analogue hierarchy to carry voice channels, a super group has \_\_\_\_\_ bandwidth.

**Select the correct option**

- 120 kHz
- 240 kHz
- 60 kHz
- 240 Hz

BC200402648: MUHAMMAD ZEESHAN

Time Left 85 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 06:02 PM, 05 January 2022

Question # 10 of 10 ( Start time: 06:08:28 PM, 05 January 2022 )

Total Marks: 1

In star based network comprising of four computers and one switch, total number of cables needed will be \_\_\_\_\_

Select the correct option

- 6
- 5
- 3
- 4

Click to Save Answer & Move to Next Question

Question # 7 of 10 ( Start time: 06:06:00 PM, 05 January 2022 )

Total Marks: 1

Microwaves are -----

Select the correct option

- Unidirectional
- Bi directional
- Omni directional
- Multi directional

Click to Save Answer & Move to Next Question

Question # 6 of 10 ( Start time: 06:04:51 PM, 05 January 2022 )

Total Marks: 1

A frequency is called -----, if sine wave does not change with time.

Select the correct option

- Infinite frequency
- Frequency hertz
- Bandwidth
- Zero frequency

Click to Save Answer & Move to Next Question

BC200402648: MUHAMMAD ZEESHAN

Time Left **87**  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 06:02 PM, 05 January 2022

Question # 5 of 10 ( Start time: 06:04:36 PM, 05 January 2022 )

Total Marks: 1

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

Select the correct option

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

[Click here to Save Answer & Move to Next Question](#)

Question # 4 of 10 ( Start time: 06:04:22 PM, 05 January 2022 )

Total Marks: 1

Among the following cables given below, \_\_\_\_\_ cable has the highest cost as compared to others.

Select the correct option

- Fiber optical
- Coaxial cable
- STP
- UTP

Click to Save Answer & Move to Next Question

0402648: MUHAMMAD ZEESHAN

Time Left 86 sec(s)

1 - Data Communication (Quiz 1)

Quiz Start Time: 06:02 PM, 05 January 2022

Question # 3 of 10 ( Start time: 06:04:01 PM, 05 January 2022 )

Total Marks: 1

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

- NSK
- PSK
- FSK
- ASK

Click to Save Answer & Move to Next Question

C200402648: MUHAMMAD ZEESHAN

Time Left 87  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 06:02 PM, 05 January 2022

Question # 2 of 10 ( Start time: 06:03:34 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ component of data communication governs the overall communication on the network.

Select the correct option

Protocol

Sender

Transmission Medium

Receiver

Click to Save Answer &amp; Move to Next Question

BC200402648: MUHAMMAD ZEESHAN

Time Left  
13  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 06:02 PM, 05 January 2022

Question # 1 of 10 ( Start time: 06:02:08 PM, 05 January 2022 )

Total Marks: 1

$N = S \times r$  is the formula for finding \_\_\_\_\_.

▶ Select the correct option

- |                       |                |
|-----------------------|----------------|
| <input type="radio"/> | Data element   |
| <input type="radio"/> | Baud rate      |
| <input type="radio"/> | Signal element |
| <input type="radio"/> | Bit rate       |

Click to Save Answer &amp; Move to Next Question

### CS601 - Data Communication (Quiz 1)

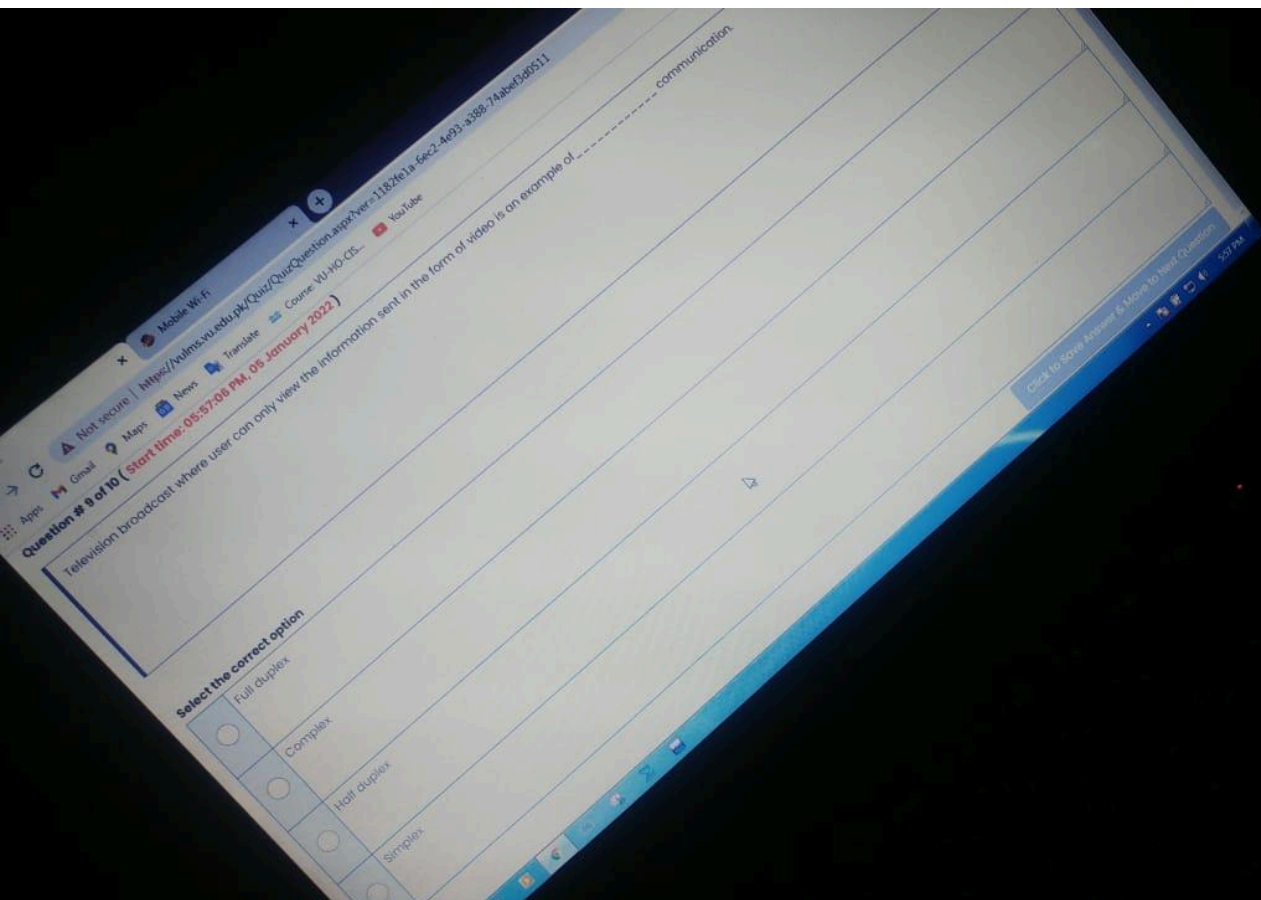
Question # 10 of 10 ( Start time: 05:58:38 PM, 05 January 2022 )

TCP/IP protocol suite has ----- layers

Select the correct option

- 5
- 6
- 7
- 4

Click to Save Answer & Move to Next Question



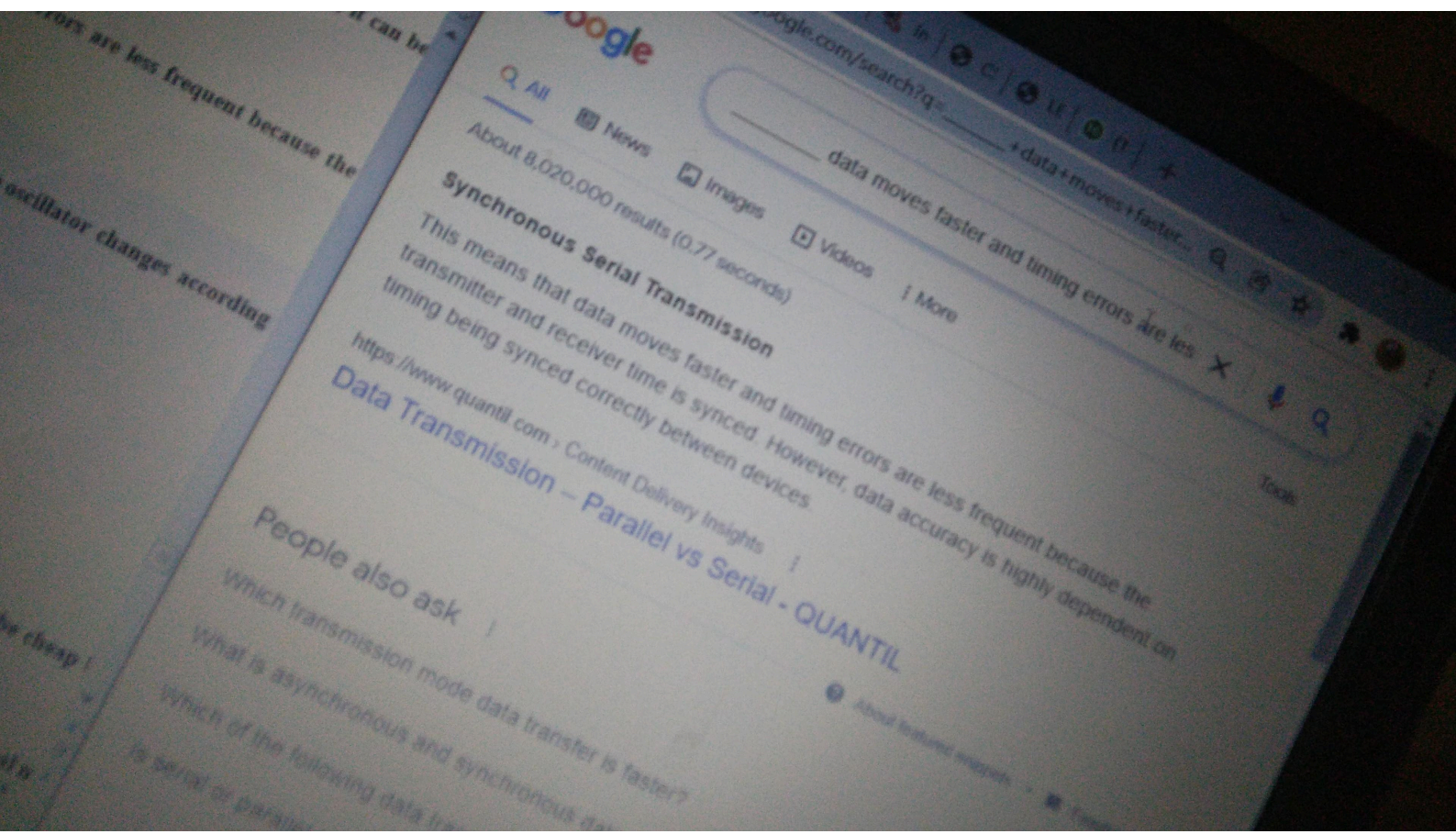
Question # 8 of 10 (Start time: 05:56:11 PM, 05 January 2022)

In Manchester and differential Manchester encoding schemes, the signal rate is \_\_\_\_\_ than that of NRZ.

Select the correct option

- Equal
- Lower
- Triple
- Double

Click to



Question # 7 of 10 ( Start time: 05:54:50 PM, 05 January 2022 )

In \_\_\_\_\_ data moves faster and timing errors are less frequent because the transmitter and receiver time is synced.

Select the correct option

- Asynchronous
- Synchronous
- Isochronous
- Metasynchronous



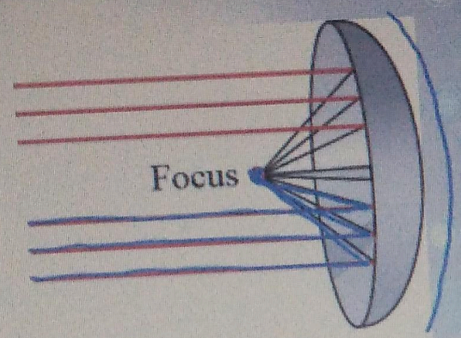
To calculate the data rate for noisy channel \_\_\_\_\_ formula is used.

Select the correct option

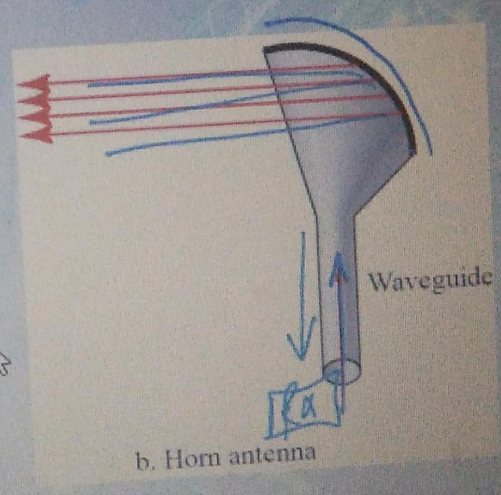
- Shannon
- Greedy
- Nyquist
- Propagation

Abdul Subhan Bhambhani (03137375444) *high class notes*

# Unidirectional Antennas

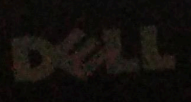


a. Parabolic dish antenna



b. Horn antenna

Abdul Subhan Bhambhani (03137375444)



### CS601 - Data Communication (Quiz 1)

Question # 5 of 10 ( Start time: 05:51:50 PM, 05 January 2022 )

In unidirectional antenna, the common point where all the lines intersect each other is \_\_\_\_\_

Select the correct option

- Origin
- Focus
- Axis
- Center

BC200404989: MUHAMMAD OSAMA  
CS601 - Data Communication (Quiz 1)

Question # 4 of 10 (Start time: 05:50:01 PM, 05 January 2022)  
RG-11 having impedance of 50 Ohm is used in ----- Ethernet.

Select the correct option

- Fast
- Thick
- Gigabit
- Thin

There are ----- components of data communication system.

Select the correct option

- 5
- 6
- 4
- 7

### CS601 - Data Communication (Quiz 1)

Question # 2 of 10 (Start time: 05:47:32 PM, 05 January 2022)

In \_\_\_\_\_ TDM, slots are dynamically allocated to the connected stations to improve bandwidth efficiency.

Select the correct option

- Standard
- Synchronous
- Isochronous
- Statistical

Question # 1 of 10 ( **Start time: 05:46:06 PM, 05 January 2022** )

..... is sometimes called the bit rate.

**Select the correct option**

- modulation rate
- pulse rate
- Data rate
- signal rate

Question # 10 of 10 ( Start time: 05:42:59 PM, 05 January 2022 )

Open System Interconnection (OSI) has \_\_\_\_\_ number of layers.

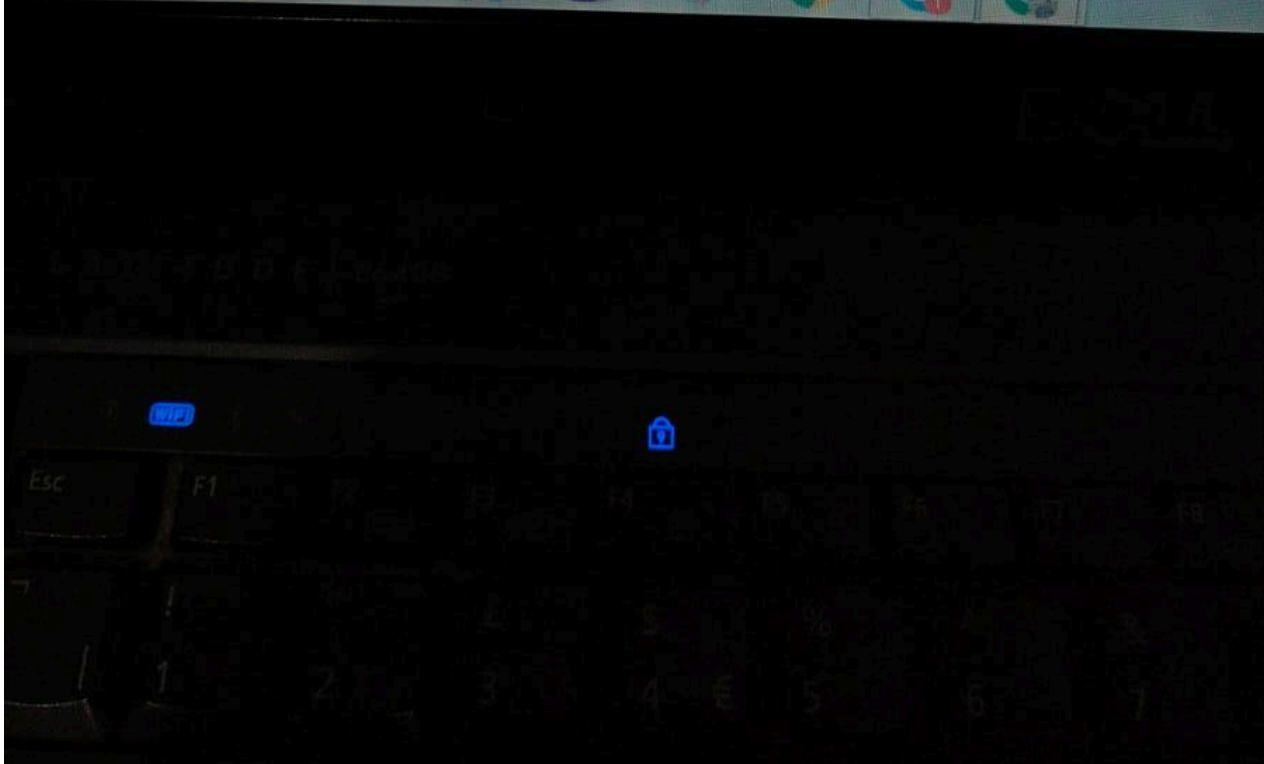
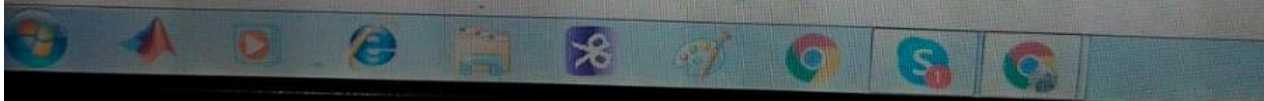
Select the correct option

7

8

4

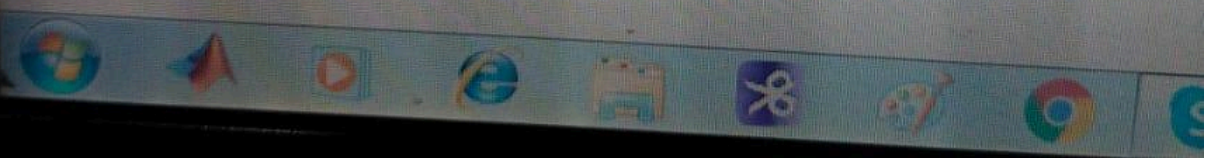
5



Simple sine wave can be used to send ----- .

Select the correct option

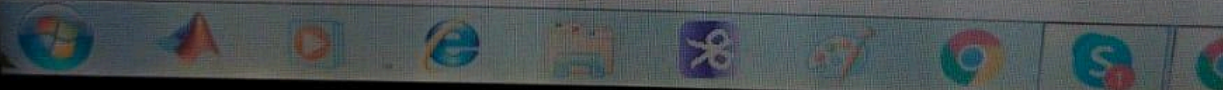
- Time value
- Power signal
- Bandwidth
- Amplitude



In frequency shift keying, \_\_\_\_\_ remain(s) constant.

Select the correct option

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



Question # 7 of 10 ( Start time: 05:39:52 PM, 05 January 2022 )

Total Marks: 1

In \_\_\_\_\_ encoding scheme, the voltage level oscillates between a positive and a negative value although it may remain at zero level between the two values.

Select the correct option

Bi-Polar

Polar

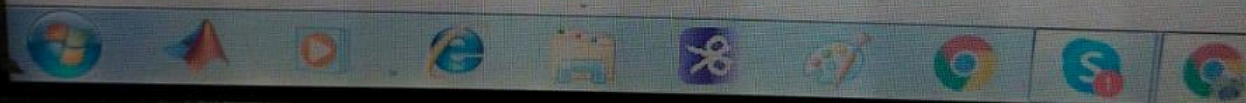
Non-Polar

Uni-Polar

A frequency is called -----, if sine wave does not change with time.

Select the correct option

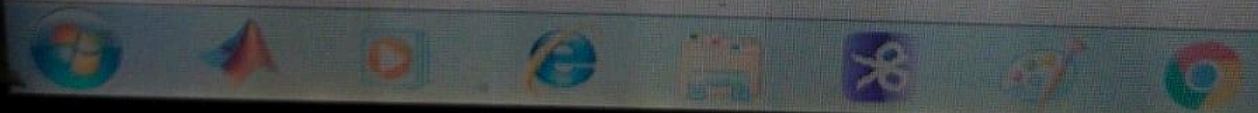
- Infinite frequency
- Bandwidth
- Zero frequency
- Frequency hertz



Transmission medium are of \_\_\_\_\_ types.

**select the correct option**

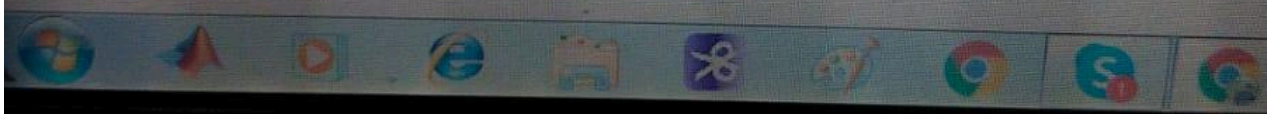
<input type="radio"/>	One
<input type="radio"/>	Four
<input type="radio"/>	Two
<input type="radio"/>	Three



----- layer is responsible for creating datagrams.

Select the correct option

- Network
- Physical
- Session
- Data Link



\_\_\_\_\_ is an example of transmitter.

**Select the correct option**

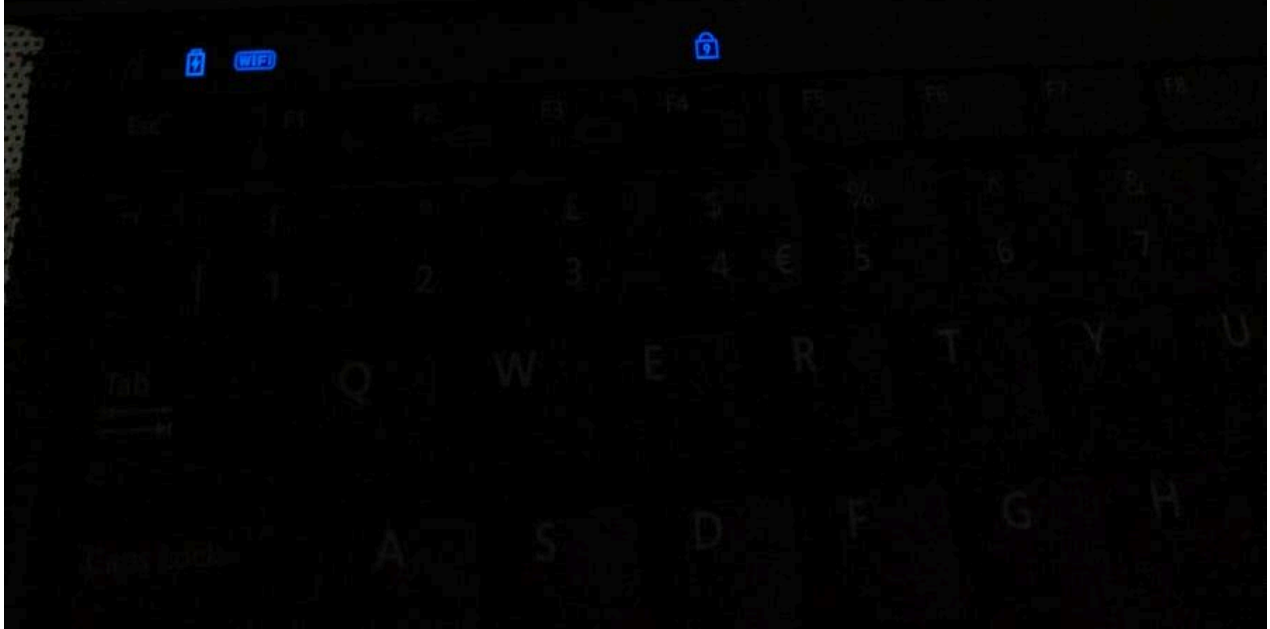
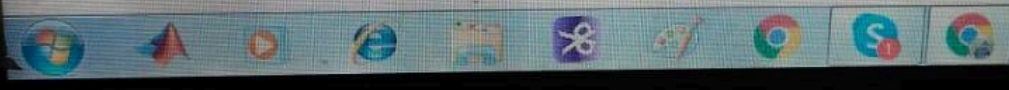
<input type="radio"/>	Work station
<input type="radio"/>	Hub
<input type="radio"/>	Modem
<input type="radio"/>	Server



----- is the range of frequencies contained in a composite signal.

Select the correct option

<input type="radio"/>	Noise
<input type="radio"/>	Phase
<input type="radio"/>	Amplitude
<input type="radio"/>	Bandwidth

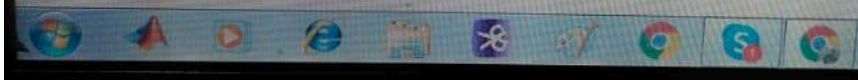


CS601 - Data Communication (Quiz 1)  
Question # 10 of 10 (Start time: 05:32:52 PM, 05 January 2022)

In \_\_\_\_\_ Scheme, all the signal levels are on one side of the time axis, either above or below.

Select the correct option

- Polar
- Bipolar
- Multiplexed coding
- Unipolar



CS601 - Data Communication (Quiz 1)

Question # 9 of 10 (Start time: 05:32:00 PM, 05 January 2022)

In context of bandwidth-delay product, the cross section of the pipe represents the -----

Select the correct option

Frequency

Delay

Bandwidth

Throughput



vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=52c9dca9-3211-4e96-99f6-242a8b12cd8c

### CS601 - Data Communication (Quiz 1)

Quiz Start Time: 05:24 PM, 05 January 2022

Question # 8 of 10 (Start time: 05:30:56 PM, 05 January 2022)

Total Marks: 1

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

Select the correct option

- Complex
- Simplex
- Half duplex
- Full duplex

Question # 10 of 10 ( Start time: 05:30:49 PM, 05 January 2022 )

Total Marks: 1

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

Select the correct option

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

[Click to Save Answer & Move to Next Question](#)

CS601 - Data Communication (Quiz 1)

Quiz Sta

Question # 7 of 10 ( Start time: 05:29:55 PM, 05 January 2022 )

Radio waves are propagated in\_\_\_\_\_ whenever they are transmitted by an antenna.

Select the correct option

- Right direction
- Left direction
- Only up and down direction
- All directions

Question # 9 of 10 ( Start time: 05:30:03 PM, 05 January 2022 )

Total Marks: 1

To measure the data rate \_\_\_\_\_theoretically formula(s) were developed.

Select the correct option

- Two
- One
- Four
- Three

Click to Save Answer & Move to Next Question

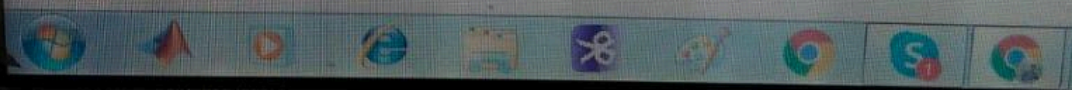
### CS601 - Data Communication (Quiz 1)

Question # 6 of 10 ( Start time: 05:29:22 PM, 05 January 2022 )

----- cable is used in Wavelength division multiplexing.

Select the correct option

- Coaxial
- Fiber optic
- Ethernet
- Twisted pair



Question # 8 of 10 ( Start time: 05:28:40 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ is the first step in PCM technique.

Select the correct option

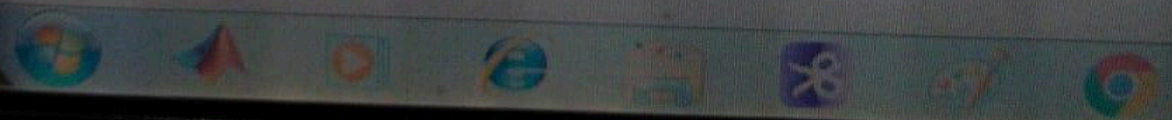
- Sampling
- Quantizing
- Substitution
- Encoding

Click to Save Answer & Move to Next Question

QPSK stands for \_\_\_\_\_.

**Select the correct option**

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



Question # 7 of 10 ( Start time: 05:27:48 PM, 05 January 2022 )

Total Marks: 1

At the Application layer, object/information is in the form of \_\_\_\_\_.

Select the correct option

- Packet
- Frame
- Segment
- Message

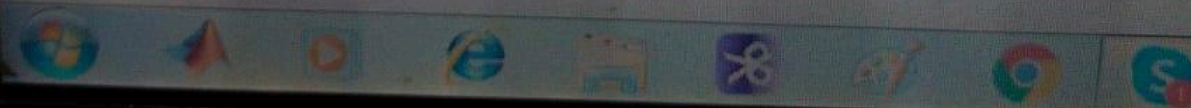
Click to Save Answer & Move to Next Question

Question # 4 of 10 ( Start time: 05:27:23 PM, 05 January 2022 )

\_\_\_\_\_ is the example of multipoint topology.

Select the correct option

<input type="radio"/>	Mesh
<input type="radio"/>	Hub
<input type="radio"/>	Star
<input type="radio"/>	Bus



Question # 6 of 10 ( Start time: 05:26:42 PM, 05 January 2022 )

Total Marks: 1

In \_\_\_\_\_ TDM, a round of data units from each input connection is collected into a frame.

Select the correct option

- Non-Periodic
- Synchronous
- Asynchronous
- Statistical

Click to Save Answer & Move to Next Question

Switch is a \_\_\_\_\_ layer device.

**Select the correct option**

<input type="radio"/>	Network
<input type="radio"/>	Transport
<input type="radio"/>	Application
<input type="radio"/>	Data link



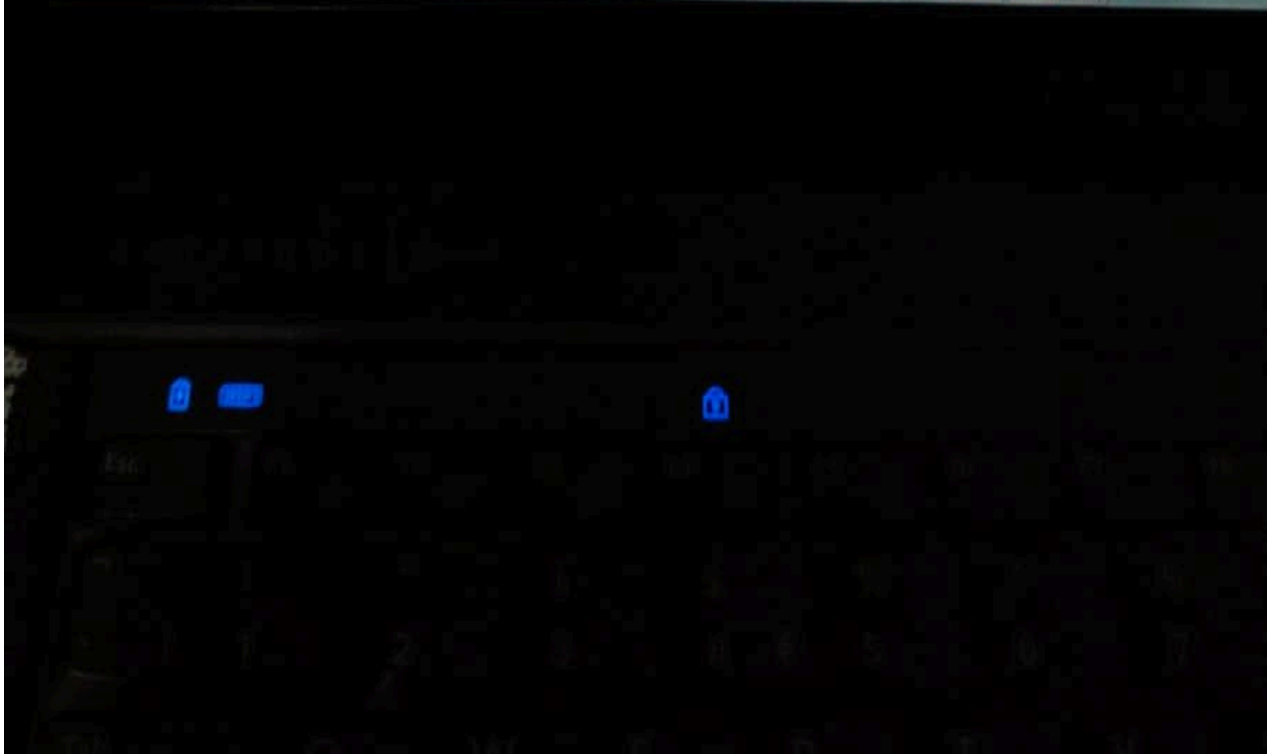
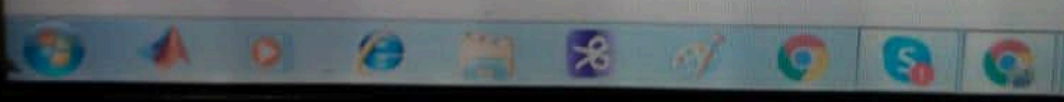
### CS601 - Data Communication (Quiz 1)

Question # 2 of 10 ( Start time: 05:25:23 PM, 05 January 2022 )

DC component issue is solved in \_\_\_\_\_ coding scheme.

Select the correct option

- Biphase
- Line
- Vector
- Bipolar



\_\_\_\_\_ is Shannon capacity formula to determine highest theoretically data rate for a noisy channel.

Select the correct option

- Capacity=Bandwidth\*log2(2+SNR)
- Capacity=Bandwidth\*(1+SNR)
- Capacity=Bandwidth\*log2(SNR)
- Capacity=Bandwidth\*log2(1+SNR)

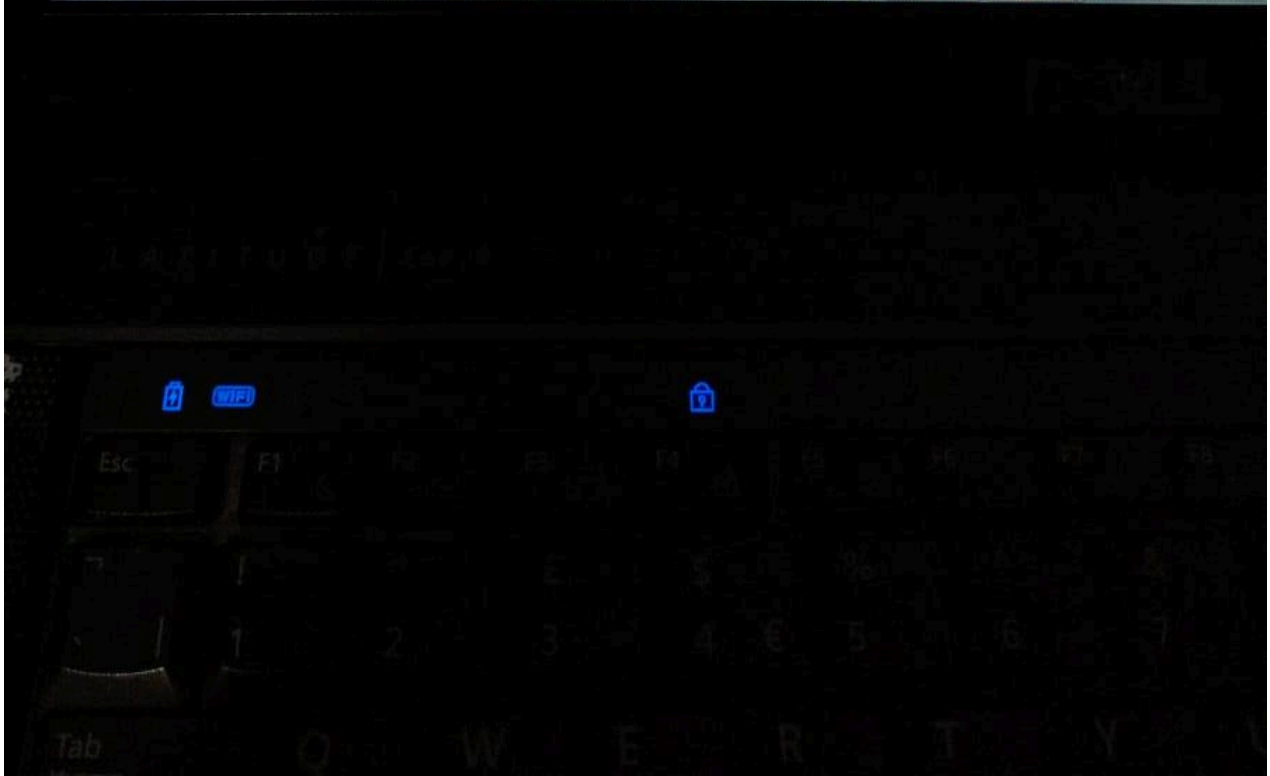
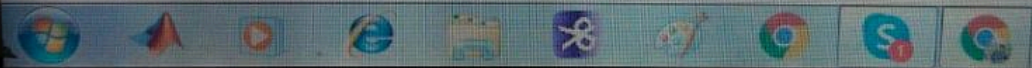
Click to Save Answer & Move to Next Question

Question # 1 of 10 ( Start time: 05:24:07 PM, 05 January 2022 )

The most common type of connector used by coaxial cable is \_\_\_\_\_.

Select the correct option

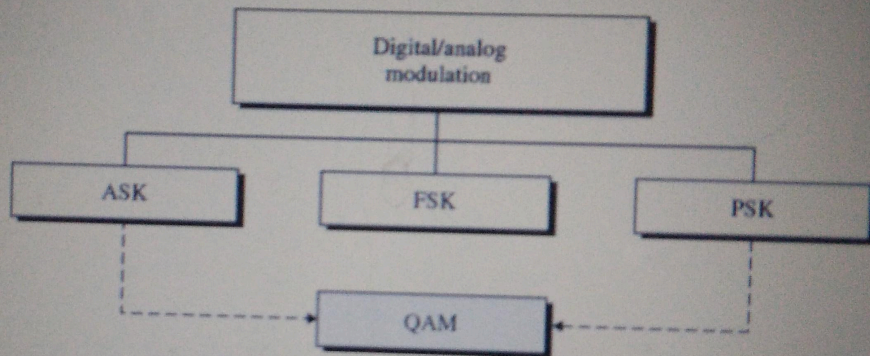
- RJ-45
- RJ-11
- BNC
- RJ-57



Modulation(QAM)

- QAM is the most efficient of these options and is the mechanism used in all modern modems

Types of digital to analog modulation



• Aspects of Digital to Analog Conversion

- Before we discuss specific methods of digital to analog modulation, two basic issues must be defined:
  - Bit/Baud rate
  - Carrier signal

core to the  
re transmitted by  
overall  
s 0 and the other

The bipolar encoding scheme was developed as an alternative of \_\_\_\_\_.

Select the correct option

- Differential Manchester
- Manchester
- NRZ
- RZ

Click to Save Answer & Move to Next Question

Question # 3 of 10 ( Start time: 05:23:25 PM, 05 January 2022 )

Total Marks: 1

Which of the following is not a characteristic of a sine wave?

Select the correct option

Segmentation

Amplitude

Phase

Frequency

Click to Save Answer & Move to Next Question

A frequency is called -----, if the rate of change in sine wave is instantaneous.

Select the correct option

- |                       |                    |
|-----------------------|--------------------|
| <input type="radio"/> | Frequency hertz    |
| <input type="radio"/> | Infinite frequency |
| <input type="radio"/> | Zero frequency     |
| <input type="radio"/> | Bandwidth          |

Click to Save Answer & Move to Next Question

Question # 1 of 10 ( Start time: 05:22:10 PM, 05 January 2022 )

Total Marks: 1

In \_\_\_\_\_ TDM, each input connection has an allotment in the output even if it is not sending data.

Select the correct option

<input type="radio"/>	Statistical
<input type="radio"/>	Isochronous
<input type="radio"/>	Synchronous
<input type="radio"/>	Asynchronous

Click to Save Answer & Move to Next Question

**Question # 7 of 10 ( Start time: 05:20:19 PM, 05 January 2022 )**

The minimum bandwidth required for QAM transmission is the same as that required for \_\_\_\_\_ and \_\_\_\_\_ transmission.

**Select the correct option**

- PSK, FSK
- FSK, QPSK
- ASK, PSK
- FSK, ASK

Question # 9 of 10 ( Start time: 05:19:59 PM, 05 January 2022 )

In \_\_\_\_\_ TDM, each input connection has an allotment in the output even if it is not sending data.

Select the correct option

Asynchronous

Statistical

Isochronous

Synchronous

Question # 1 of 10 ( Start time: 05:04:43 PM, 05 January 2022 )

Unit of Phase is -----

Select the correct option

<input type="radio"/>	Watts
<input type="radio"/>	Degree
<input type="radio"/>	Bauds
<input type="radio"/>	Bits per second

Question # 7 of 10 ( Start time: 05:16:03 PM, 05 January 2022 )

----- is the Nyquist bit rate formula for noiseless channel.



Select the correct option

BitRate = 2\*Bandwidth\* L

BitRate = 2\*Bandwidth\*log2 L

BitRate = 2\*Bandwidth\*log2

BitRate = 3\*Bandwidth\*log2 L



Question # 6 of 10 ( Start time: 05:13:31 PM, 05 January 2022 )

----- is a type of serial transmission in which timing of signal is unimportant as information received is agreed upon certain agreements between sender and receiver.

Select the correct option

- Asynchronous
- Synchronous
- Isochronous
- Metasochronous

Activate Windows

Click to Solve Answer & Move to Next

11°C Rain



Question # 4 of 10 ( Start time: 05:10:18 PM, 05 January 2022 )

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

Select the correct option

Input lines

Multiplexed T lines

Output data rate

Input frequency

CS601 - Data Communication (Quiz 1)

Question # 3 of 10 ( Start time: 05:07:49 PM, 05 January 2022 )

In synchronous \_\_\_\_\_, the data flow of each input connection is divided into units, where each input occupies one input time slot

Select the correct option

- WDM
- DWDM
- TDM
- FDM

Quiz Start Time: 05:04

Activate Windows  
Go to Settings to activate Windows

Click to Save Answer & Move to Next Question  
11°C Rain 5:08 PM 05-Jan-22

Question # 2 of 10 ( Start time: 05:05:54 PM, 05 January 2022 )

The fiber optic possess layer of \_\_\_\_\_ right inside after outer jacket

Select the correct option

- Core
- Plastic Buffer
- DuPont Kevlar
- Cladding



MC190404699: AMARA BATOOL

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 10 of 10 (start time: 04:54:35 PM, 05 January 2022)

Total Marks: 1

In \_\_\_\_\_ Scheme, all the signal levels are on one side of the time axis, either above or below.

Select the correct option

- Unipolar
- Multiplexed coding
- Polar
- Bipolar

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 86 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 9 of 10 ( start time: 04:54:00 PM, 05 January 2022 )

Total Marks: 1

Unipolar encoding scheme uses \_\_\_\_\_ voltage level.

Select the correct option

- Three
- Two
- One
- Four

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 8 of 10 ( start time: 04:53:16 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ has less electromagnetic interference as compared to other guided medium.

Select the correct option

Reload Math Equations

- Coaxial
- Fiber Optic
- Shielded Twisted Pair
- Unshielded Twisted Pair

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 7 of 10 ( Start time: 04:52:34 PM, 05 January 2022 )

Total Marks: 1

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

Select the correct option

- Propagation
- Nyquist
- Shannon
- Greedy

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 6 of 10 ( start time: 04:51:35 PM, 05 January 2022 )

Total Marks: 1

Bi-polar uses .....voltage levels.

Select the correct option

- Four
- Three
- Two
- One

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 87 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 5 of 10 ( start time: 04:50:35 PM, 05 January 2022 )

Total Marks: 1

In transmission impairments \_\_\_\_\_ noise occurs from the random motion of electrons in a wire.

Select the correct option

- Thermal noise
- Impulse noise
- Induced noise
- Cross talk

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 4 of 10 ( start time: 04:49:34 PM, 05 January 2022 )

Total Marks: 1

In FSK, Baud rate is less than or equal to \_\_\_\_\_ rate.

Select the correct option

Reload Math Equations

- Bit
- Decible
- Signal
- Pulse

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 3 of 10 ( start time: 04:47:43 PM, 05 January 2022 )

Total Marks: 1

..... coding scheme are useful for LAN but not for Long ranges.

Select the correct option

- Vector
- Serial
- Biphase
- Line

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 83 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 2 of 10 ( Start time: 04:46:07 PM, 05 January 2022 )

Total Marks: 1

In transmission impairments \_\_\_\_\_ noise occurs from other sources like motors and appliances etc.

Select the correct option

- Impulse
- Cross talk
- Induced
- Thermal

Click to Save Answer & Move to Next Question





MC190404699: AMARA BATOOL

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:44 PM, 05 January 2022

Question # 1 of 10 ( Start time: 04:44:23 PM, 05 January 2022 )

Total Marks: 1

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

Select the correct option

- Phase
- Amplitude
- Wavelength
- Time

Click to Save Answer & Move to Next Question





# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

**Time Left** 89  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 10 of 10 ( start time: 04:29:26 PM, 05 January 2022 )

Total Marks: 1

HDB3 falls under which coding scheme?

Select the correct option

- Bipolar
- Line
- Block
- Biphasic

Click to Save Answer & Move to Next Question



# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 89 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 9 of 10 ( start time: 04:28:39 PM, 05 January 2022 )

Total Marks: 1

Bandwidth can be measured in \_\_\_\_\_.

Select the correct option

- Decibel
- Phase
- Lambda
- Bps

Click to Save Answer & Move to Next Question

---

Que.

Unipolar, bipolar, and  
polar encoding are  
types of \_\_\_\_\_  
encoding.

---

b.

block

---

c.

NRZ

---

d.

Manchester

---

Answer:line

---



# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 90 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 8 of 10 ( start time: 04:27:30 PM, 05 January 2022 )

Total Marks: 1

For a noiseless channel, theoretical formula to calculate the data rate was developed by \_\_\_\_\_

Select the correct option

- Rivest
- Shannon
- Hamming
- Nyquist

Click to Save Answer & Move to Next Question



WhatsApp 16:26

Message from +92 336 4409868 @ PAK INFO - II

<https://vulms.vu.edu.pk>

MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 90 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 7 of 10 ( start time: 04:26:21 PM, 05 January 2022 )

Total Marks: 1

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

Click to Save Answer & Move to Next Question



# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 90 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 6 of 10 ( start time: 04:24:54 PM, 05 January 2022 )

Total Marks: 1

Uni polar, Polar and Bipolar are types of \_\_\_\_\_coding scheme.

Select the correct option

- NRZ-1
- Block
- Differential Manchester
- Line

Click to Save Answer & Move to Next Question



# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 89 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 5 of 10 ( start time: 04:23:44 PM, 05 January 2022 )

Total Marks: 1

\_\_\_\_\_ is an example of transmitter.

Select the correct option

Reload Math Equations

- Work station
- Server
- Hub
- Modern

Click to Save Answer & Move to Next Question



WhatsApp 16:22

Message from +92 302 4865858 @ STA641 QUIZ#1

<https://vulms.vu.edu.pk>

MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 89 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 4 of 10 (Start time: 04:22:03 PM, 05 January 2022)

Total Marks: 1

QAM stands for .....

Select the correct option

- Quadrature Amplitude Modulation
- Quarter Altitude Modulator
- Quadrature Amplifier Modulation
- Quadrature Amplitude Modifier

Click to Save Answer & Move to Next Question



# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 89 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 3 of 10 ( start time: 04:20:55 PM, 05 January 2022 )

Total Marks: 1

In context of bandwidth-delay product, the cross section of the pipe represents the \_\_\_\_\_.

Select the correct option

- Bandwidth
- Frequency
- Throughput
- Delay

Click to Save Answer & Move to Next Question



# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

Time Left 88 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 2 of 10 ( start time: 04:19:48 PM, 05 January 2022 )

Total Marks: 1

In \_\_\_\_\_ transmission mode, start and stop bits are used.

Select the correct option

- Asynchronous
- Isochronous
- Sequential
- Synchronous

Click to Save Answer & Move to Next Question



# Quiz

<https://vulms.vu.edu.pk>



MC210204318: MUHAMMAD NAEEM ANWAR

**Time Left** 90  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:18 PM, 05 January 2022

Question # 1 of 10 ( Start time: 04:18:17 PM, 05 January 2022 )

Total Marks: 1

When certain obstacles block the cellular towers to communicate, \_\_\_\_\_ are required for long distance communication.

Select the correct option

Reload Math Equations

- Servers
- Switches
- Repeaters
- Routers

Click to Save Answer & Move to Next Question



## Almost There, Reset Your PIN

Never share your PIN with anyone

Please Enter 5-Digit PIN

7 5 5 9 9 

Please Re-Enter 5-Digit PIN

7 5 5 9 9 

1

2

3

4

5

6

7

8

9

Clear

0



Question # 1 of 10 ( start time: 03:12:33 PM, 05 January 2022 )

Total Marks: 1

Time division multiplexing is used in \_\_\_\_\_ systems.

Select the correct option

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

Click to Save Answer & Move to next Question



Question # 2 of 10 ( start time: 03:14:40 PM, 05 January 2022 )

Total Marks: 1

----- layer is responsible for creating datagrams.

Select the correct option

<input type="radio"/>	Session
<input type="radio"/>	Network
<input type="radio"/>	Physical
<input type="radio"/>	Data Link

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 10 ( start time: 03:15:34 PM, 05 January 2022 )

Total Marks: |

TCP/IP protocol suite has \_\_\_\_\_ layers.

Select the correct option

 Reload Math Equations 4 6 7 8[Click to Save Answer & Move to Next Question](#)

Question # 4 of 10 ( start time: 03:16:57 PM, 05 January 2022 )

Total Marks: 1

..... is an example of transmitter.

Select the correct option

[Reload Math Equations](#)

- |                       |              |
|-----------------------|--------------|
| <input type="radio"/> | Server       |
| <input type="radio"/> | Hub          |
| <input type="radio"/> | Modem        |
| <input type="radio"/> | Work station |

[Click to Save Answer & Move to Next Question](#)

In \_\_\_\_\_ data moves faster and timing errors are less frequent because the transmitter and receiver tim

Select the correct option



Asynchronous



Metasynchronous



Synchronous



Isochronous

Click to Save Answer & Mo



In \_\_\_\_\_ data moves faster and timing errors are less frequent because the transmitter and receiver t

Select the correct option

- Asynchronous
- Metasynchronous
- Synchronous
- Isochronous

Click to Save Answer &



\_\_\_\_\_ is the example of multipoint topology.

Select the correct option

- Hub
- Bus
- Star
- Mesh

Click to Save Answer & Move to Next Question





Question # 7 of 10 ( Start time: 03:22:50 PM, 05 January 2022 )

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

Select the correct option

- |                       |                     |
|-----------------------|---------------------|
| <input type="radio"/> | Receiver            |
| <input type="radio"/> | Protocol            |
| <input type="radio"/> | Sender              |
| <input type="radio"/> | Transmission Medium |

Click to Save



Question # 8 of 10 ( Start time: 03:24:42 PM, 05 January 2022 )

In layered architecture of network, logical connection between layers means:

Select the correct option

- |                       |   |
|-----------------------|---|
| <input type="radio"/> | They communicate directly                 |
| <input type="radio"/> | They are connected in peers               |
| <input type="radio"/> | They have identical names                 |
| <input type="radio"/> | They can perform identical opposite tasks |





Question # 9 of 10 ( Start time: 03:26:51 PM, 05 January 2022 )

OSI stands for \_\_\_\_\_

Select the correct option

- |                       |                               |
|-----------------------|-------------------------------|
| <input type="radio"/> | Open System Interface         |
| <input type="radio"/> | Open Source Interconnection   |
| <input type="radio"/> | Open System Interconnection   |
| <input type="radio"/> | Open Standard Interconnection |

Question # 10 of 10 ( Start time: 03:28:28 PM, 05 January 2022 )

Quadrature Amplitude Modulation is the mechanism of \_\_\_\_\_ conversion.

Select the correct option

<input type="radio"/>	Digital to digital
<input type="radio"/>	Digital to Analog
<input type="radio"/>	Analog to Analog
<input type="radio"/>	Analog to digital





BC200414332: YASIR KHAN

Time Left 87 sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 03:23 PM, 05 January 2022

Question # 1 of 10 ( Start time: 03:23:29 PM, 05 January 2022 )

Total Marks: 1

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

Select the correct option

- Parallel data transmission
- Serial data transmission
- Hybrid data transmission
- Both parallel and serial transmission

Click to Save Answer & Move to Next Question



BC180408383: SHAFIQA MUHAMMAD KHAN

Time Left 68 sec(s)

CS601 - Data Communication (Quiz1)

Quiz Start Time: 09:39 AM, 05 January 2022

Question # 5 of 10 ( Start time: 09:42:03 AM, 05 January 2022 )

Total Marks: 1

In synchronous \_\_\_\_\_, the data flow of each input connection is divided into units, where each input occupies one input time slot.

Select the correct option

- TDM
- FDM
- WDM
- DWDM

Click to Save Answer & Move to Next Question

Quiz

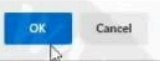
vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=83de9992-c24f-4074-aedb-3e98e7ce8dbc

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

Select the correct option

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

14°C Smoke ENG 8:49 PM 1/4/2022



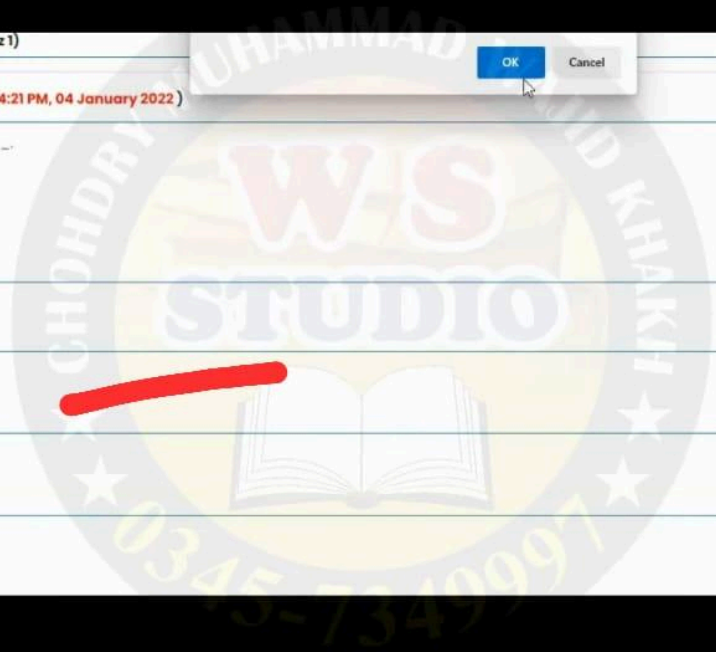
Question # 10 of 10 ( Start time: 12:04:21 PM, 04 January 2022 )

Total

FSK stands for \_\_\_\_\_.

Select the correct option

- Frequency Shift Keying
- Frequency Swift king
- Fake Shift Keying



Question # 6 of 10 ( Start time: 11:29:50 PM, 04 January 2022 )

Total Marks: 1

In Phase shift key, \_\_\_\_\_ is/are kept constant.

Select the correct option

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

[Click to Save Answer & Move to Next Question](#)

----- signals have limited number of discrete values.

Select the correct option

Analogue

Logical

Continuous

Digital

By Helping Hands

Click to Save Answer & Move to Next Question




\_\_\_\_\_ is a network device which operates on the network layer in the TCP/IP protocol suite.

Select the correct option

[Reload Math Equations](#)

- Switch
- Router
- Gateway
- Hub

[Click to Save Answer & Move to Next Question](#)



# CS601 - DATA COMMUNICATION-QUIZ: 1

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:43 PM, 04 January 2022

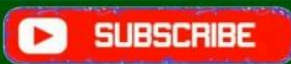
Question # 4 of 10 ( Start time: 04:45:24 PM, 04 January 2022 )

Total Marks: 1

\_\_\_\_\_ signal can take infinite levels of intensity over time.

Select the correct option

- |                                  |          |
|----------------------------------|----------|
| <input type="radio"/>            | Discrete |
| <input checked="" type="radio"/> | Analog   |
| <input type="radio"/>            | Logical  |



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# CS601 - DATA COMMUNICATION-QUIZ: 1

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:43 PM, 04 January 2022

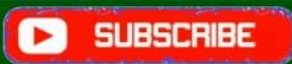
Question # 2 of 10 ( Start time: 04:44:18 PM, 04 January 2022 )

Total Marks: 1

----- is the example of multipoint topology.

Select the correct option

- Star
- Hub
- Bus



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# CS601 - DATA COMMUNICATION-QUIZ: 1

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

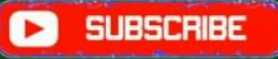
Select the correct option

- Segments
- Bits
- Frames
- Packets



Waiting for www.ooje.com.pl...

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# CS601 - DATA COMMUNICATION-QUIZ: 1

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:43 PM, 04 January 2022

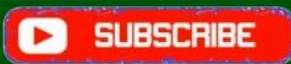
Question # 10 of 10 ( Start time: 04:50:16 PM, 04 January 2022 )

Total Marks: 1

In Pulse code modulation the term sampling can also be referred as .....

Select the correct option

- Pulse Frequency Modulation
- Pulse Line Modulation
- Pulse Amplitude Modulation



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Question # 10 of 10 ( Start time: 10:34:34 PM, 04 January 2022 )

Total Marks: 1

If a digital transmission system is sending five bits in every half a second, the bit-rate of the system will be .....

By Helping Hands

Select the correct option

0.2 bps

10 bps

5 bps

10 Hz

Google Chrome - now

Text copied from RMX1821

Press Ctrl+V to paste

If a digital transmission system is sending five bits in every half a second, the bit-rate of the system will be .....

Select the correct option

0.2 bps

10 bps

5 bps

10 Hz

By Helping Hands


Click to Save Answer & Move to Next Question



Manchester and differential Manchester encoding schemes are subtypes of \_\_\_\_\_ encoding scheme.

Select the correct option

<input checked="" type="radio"/>	Bi-phase
<input type="radio"/>	NRZ
<input type="radio"/>	Multilevel
<input type="radio"/>	Uni-polar



Question # 10 of 10 ( Start time: 11:34:55 PM, 04 January 2022 )

Total Marks: 1

AMI is a popular \_\_\_\_\_ encoding method.

Select the correct option

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

Click to Save Answer &amp; Move to Next Question

Token Ring was devised by \_\_\_\_\_

Select the correct option

- IBM
- Dell
- OSI
- NASA

By Helping Hands

Click to Save Answer & Move to Next Question



MC200403348: SIDRA SHEHZADI

Time Left 85  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 11:21 PM, 04 January 2022

Question # 7 of 10 ( Start time: 11:31:14 PM, 04 January 2022 )

Total Marks: 1

\_\_\_\_\_ is the sub type of Time Division Multiplexing Technique.

Select the correct option

- Barrier TDM
- Amplitude TDM
- Statistical TDM
- Light TDM

Click to Save Answer &amp; Move to Next Question

**Question # 7 of 10 ( Start time: 07:13:39 PM, 04 January 2022 )**

Frames travel in \_\_\_\_\_ layer of TCP/IP Protocol suite.

**Select the correct option**

<input type="radio"/>	Network
<input type="radio"/>	Application
<input type="radio"/>	Presentation
<input type="radio"/>	Data link



CS601 - Data Communication (Quiz 1)

Quiz Start Time: 07:04 PM, 04 January 2022

Question # 2 of 10 (start time: 07:05:40 PM, 04 January 2022)

Total Mark: 1

In a computer network, five stations are connected to each other in such a way that each station is connected to every other station through dedicated links. This makes \_\_\_\_\_ topology.

Select the correct option

- |                       |      |
|-----------------------|------|
| <input type="radio"/> | Ring |
| <input type="radio"/> | Star |
| <input type="radio"/> | Bus  |
| <input type="radio"/> | Mesh |

[Click to Save Answer & Move to Next Question](#)



Question # 1 of 10 ( Start time: 07:04:23 PM, 04 January 2022 )

Which one of following is a scrambling coding technique?

Select the correct option

- |                       |       |
|-----------------------|-------|
| <input type="radio"/> | BZ8S  |
| <input type="radio"/> | B8ZS  |
| <input type="radio"/> | B8SZ  |
| <input type="radio"/> | B08SZ |

Question # 7 of 10 ( Start time: 12:31:16 PM, 04 January 2022 )

Total Marks: 1

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

Select the correct option

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

Question # 9 of 10 ( Start time: 10:33:08 PM, 04 January 2022 )

Total Marks: 1

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

By Helping Hands

Select the correct option

- 16 kHz
- 8 kHz
- 4 kHz

Question # 2 of 10 ( Start time: 11:23:35 PM, 04 January 2022 )

Total Marks: 1

QPSK stands for \_\_\_\_\_.

Select the correct option

Quadrature phase shift key

Quality physical shift key

Quality phase shift key

Queuing phase shift key

Click to Save Answer &amp; Move to Next Question

Question # 1 of 10 ( Start time: 11:21:55 PM, 04 January 2022 )

Total Marks: 1

In the analog transmission of digital data,  
the baud rate is \_\_\_\_\_ to the bit rate.

Select the correct option

- |                                  |                       |
|----------------------------------|-----------------------|
| <input type="radio"/>            | less than             |
| <input checked="" type="radio"/> | less than or equal    |
| <input type="radio"/>            | greater than or equal |
| <input type="radio"/>            | greater than          |

Click to Save Answer &amp; Move to Next Question

Which of the following is not a characteristic of a sine wave?

Select the correct option

<input type="radio"/>	Segmentation
<input type="radio"/>	Frequency
<input type="radio"/>	Phase
<input type="radio"/>	Amplitude

Question # 4 of 10 ( Start time: 10:07:41 PM, 04 January 2022 )

In baseband transmission, a digital signal is transmitted as \_\_\_\_\_.

Select the correct option

Multiplexed signal

Digital signal

Modulated signal

Analog signal

Question # 3 of 10 (Start time: 01:00:17 PM, 04 January 2022)

Total Marks: 1

Time division multiplexing is used in \_\_\_\_\_ systems.

Select the correct option

- Hybrid
- Automated
- Digital
- Analog

Question # 8 of 10 ( Start time: 12:24:41 PM, 04 January 2022 )

Total Marks: 1

There are \_\_\_\_\_ common scrambling techniques.

Select the correct option

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

Question # 1 of 10 ( Start time: 10:02:56 PM, 04 January 2022 )

A frequency is called -----, if the rate of change in sine wave is instantaneous.

Select the correct option

Zero frequency

Infinite frequency

Frequency hertz

Bandwidth

Question # 3 of 10 ( Start time: 10:06:14 PM, 04 January 2022 )

Among the following cables given below, \_\_\_\_\_ cable has the highest cost as compared to others.

Select the correct option

Coaxial cable

Fiber optical

STP

UTP

Question # 10 of 10 ( Start time: 10:15:16 PM, 04 January 2022 )

\_\_\_\_\_ is correct formula to determine the total number of ports needed for one system connected in a mesh network.

Select the correct option

- N-1
- N x N
- N+1
- N(N+1)

Question # 3 of 10 ( Start time: 11:45:37 AM, 04 January 2022 )

Total Marks: 1

In \_\_\_\_\_ signal changes its shape or form.

Select the correct option

- Attenuation
- Thermal noise
- Impulse Noise
- Distortion

Question # 2 of 10 ( Start time: 08:21:33 PM, 04 January 2022 )

The layer of TCP/IP protocol suite which is on the top is known as \_\_\_\_\_

Select the correct option

- Transport
- Data link
- Network
- Application

Question # 5 of 10 ( Start time: 08:24:29 PM, 04 January 2022 )

Total Marks: 1

According to Nyquist theorem, the sampling rate must be at least \_\_\_\_\_ times the highest frequency contained in the signal.

Select the correct option

- 3
- 5
- 2
- 4

Question # 7 of 10 ( Start time: 08:27:06 PM, 04 January 2022

LF (Low Frequency) band is used in \_\_\_\_\_ propagation.

Select the correct option

- |                       |               |
|-----------------------|---------------|
| <input type="radio"/> | Line of Sight |
| <input type="radio"/> | Single Mode   |
| <input type="radio"/> | Sky           |
| <input type="radio"/> | Ground        |



Type here to search



Esc

F1

F2

F3

F4

F5

F6

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=bdc80040-f73c-458a-831a-df440d1f8d39

Question # 5 of 10 ( Start time: 08:54:11 PM, 04 January 2022 ) Total Marks: 1

In \_\_\_\_\_ encoding scheme, we use three levels: positive, zero, and negative.

Select the correct option

<input type="radio"/>	Multilevel
<input type="radio"/>	Polar
<input type="radio"/>	Bipolar

NOT SURE

14°C Smoke ENG 8:54 PM 1/4/2022

Question # 9 of 10 ( Start time: 11:56:48 AM, 04 January 2022 )

Total Marks: 1

Parabolic antenna is used for \_\_\_\_\_ communication.

Select the correct option

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

HDB3 falls under which coding scheme?

Select the correct option

<input type="radio"/>	Block
<input type="radio"/>	Bipolar
<input type="radio"/>	Biphase
<input type="radio"/>	Line



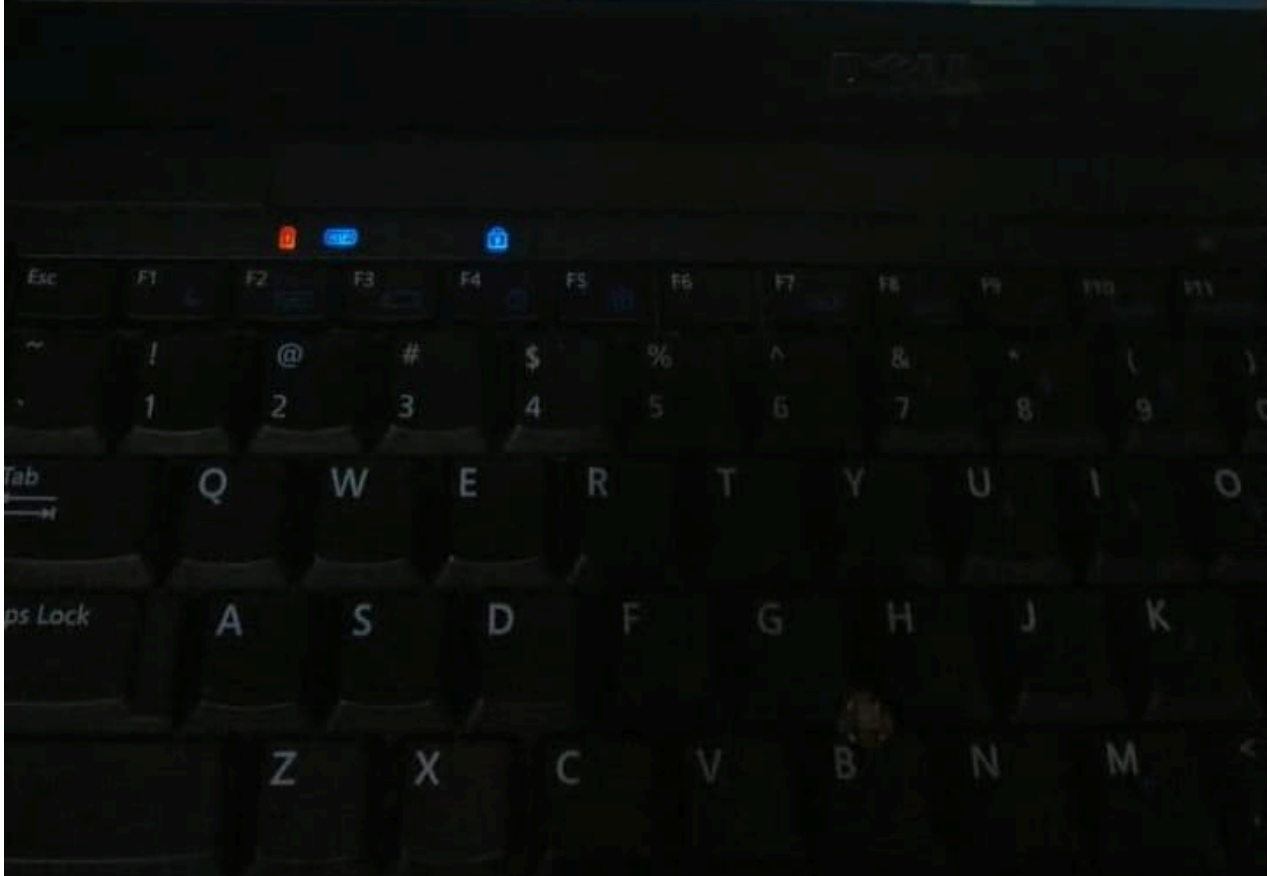
Type here to search

Question # 10 of 10 ( Start time: 08:30:49 PM, 04 January 2022 )

If a digital signal has "L" number of levels, \_\_\_\_\_ is the number of bits required to represent each

Select the correct option

- Log L
- L Square
- $\log(2^*L)$
- log Base 2 L



# CS601 - DATA COMMUNICATION-QUIZ: 1

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:43 PM, 04 January 2022

Question # 6 of 10 ( Start time: 04:46:36 PM, 04 January 2022 )

Total Marks: 1

Paging System in data communication uses \_\_\_\_\_ waves.

Select the correct option

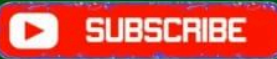
[Reload Math Equations](#)

- Radio waves
- Micro waves
- Infrared waves
- Ultraviolet waves



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Question # 6 of 10 ( Start time: 11:26:49 AM, 04 January 2022 )

Total Marks:

In \_\_\_\_\_ multiplexing technique, guard bands are used to avoid overlapping of frequency bands assigned to each user.

Select the correct option

 Reload Math Equations

- FDM
- TDM
- CSMA
- PDM

Saving...




----- can be published using Request for Comments (RFCs).

**Select the correct option**

<input checked="" type="radio"/>	Internet Standard	X
<input type="radio"/>	Proposed Standard	
<input type="radio"/>	Internet Draft	✓
<input type="radio"/>	Draft Standard	

ENG001 | Lecture 27 | Part 2 | Research Writing and Documenting ...  
**Lecture 27**  
Part - 2  
Research Writing and Documenting Sources  
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14°C Smoke 9:01 PM 1/4/2022

BC200405171: SANA

**Time Left** 65  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 09:18 AM, 04 January 2022

Question # 3 of 10 ( Start time: 09:21:02 AM, 04 January 2022 )

Total Marks

There are \_\_\_\_\_ components of data communication system.

Select the correct option

- 5
- 7
- 4
- 6

Activate Windows  
Go to Settings to activate Windows.

Question # 8 of 10 ( Start time: 12:00:57 PM, 04 January 2022 )

Total

In \_\_\_\_\_ Scheme, all the signal levels are on one side of the time axis, either above or below.

Select the correct option

- Bipolar
- Multiplexed coding
- Unipolar

**FOR MID TERM SHORT NOTES**

**CHECK PLAY LIST**





Question # 9 of 10 ( Start time: 07:17:00 PM, 04 January 2022 )

----- mode of serial transmission guarantees fixed rate data.

Select the correct option

<input type="radio"/>	Synchronous
<input type="radio"/>	Metasynchronous
<input type="radio"/>	Asynchronous
<input type="radio"/>	Isochronous

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=3d3c5cb0-26b5-4fa8-b44a-ba05e7cb8998

Question # 1 of 10 (Start time: 08:26:58 PM, 04 January 2022) Total Marks: 1

Header size \_\_\_\_\_ while moving down the layers at sending

Select the correct option

Reload Math Equations

- Increases
- Decreases
- Headers and layers are unrelated
- Remain same

NO ✓

14°C Smoke ENG 8:27 PM 1/4/2022

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=158312cd-91fd-476e-adfa-2e78d71eb493

Question: 4010 (Start time: 00:01:02 AM, 04 January 2022)

In case of Frequency shift key, the difference between two frequencies is represented as\_\_\_\_\_.

Select the correct option

- 3  $\Delta$
- 6  $\Delta$
- 2  $\Delta$
- 2X5  $\Delta$

14°C Smoke ENG 8:31 PM 1/4/2022

Question # 9 of 10 ( Start time: 11:33:24 PM, 04 January 2022 )

Total Marks: 1

To improve the performance of line coding \_\_\_\_\_ coding was introduced.

Select the correct option

<input checked="" type="radio"/>	Block coding
<input type="radio"/>	Double coding
<input type="radio"/>	2B1Q
<input type="radio"/>	MLT-3

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 ( Start time: 10:24:05 PM, 04 January 2022 )

Total Marks: 1

Technique that allows the simultaneous transmission of multiple signals across a single data link, is known as \_\_\_\_\_.

Select the correct option

[Reload Math Equations](#)

- Compressing
- Encryption
- Demodulating
- Multiplexing

By Helping Hands

Question # 4 of 10 ( Start time: 11:26:39 PM, 04 January 2022 )

Total Marks: 1

Minimum bandwidth required for Manchester line coding scheme is \_\_\_\_\_.

Select the correct option

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

Click to Save Answer &amp; Move to Next Question

Question # 6 of 10 (Start time: 01:05:36 PM, 04 January 2022)

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

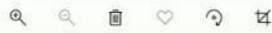
- Select the correct option
- Local Area Network
  - The Internet
  - Metropolitan Area Network
  - Home Network



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Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=14208838-3b91-47b5-9e00-fa114ba64e55

In PCM technique, Quantization is an \_\_\_\_\_ process.

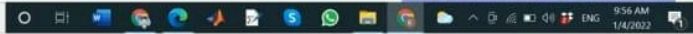
**NOT SURE**

Select the correct option

- Unbalanced
- Ordered
- Un-necessary
- Approximation

Click to Save Answer & Move to Next Question

Type here to search



9:56 AM  
1/4/2022

Type here to search



10:24 AM  
1/4/2022

CS601 - Data Communication (Quiz 1)

Question # 6 of 10 ( Start time: 10:09:55 PM, 04 January 2022 )

Packets travel in \_\_\_\_\_ layer of TCP/IP Protocol suite.

Select the correct option

- Network
- Application
- Data link
- Presentation



Type here to search



Question # 7 of 10 ( Start time: 10:11:47 PM, 04 January 2022 )

In scrambling coding scheme, the number of pulses replacing the bits will be \_\_\_\_\_ ?

Select the correct option

- Equal to pulses
- Triple the pulses
- Double the pulses
- Half of the pulses

Question # 5 of 10 ( Start time: 12:22:10 PM, 04 January 2022 )

Total Marks: 1

The bipolar encoding scheme was developed as an alternative of \_\_\_\_\_.

Select the correct option

- RZ
- Differential Manchester
- Manchester
- NRZ

Question # 8 of 10 ( Start time: 11:25:07 PM, 04 January 2022 )

Unipolar encoding scheme uses \_\_\_\_\_ voltage level.

Select the correct option

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

Question # 2 of 10 ( Start time: 12:19:26 PM, 04 January 2022 )

Total Marks: 1

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

Select the correct option

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

Question # 3 of 10 ( Start time: 12:28:25 PM, 04 January 2022 )

Total Marks: 1

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

Select the correct option


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

Question # 2 of 10 ( Start time: 11:59:07 AM, 04 January 2022 )

Total Marks: 1

RG-II having impedance of 50 Ohm is used in \_\_\_\_\_ Ethernet.

Select the correct option

 Reload Math Equations

- Gigabit
- Thick
- Thin
- Fast

Click to Save Answer & Move to Next Question

Question # 8 of 10 ( Start time: 12:05:43 PM, 04 January 2022 )

Total Marks: 1

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

Select the correct option

- Continuous
- Bit length
- Heterogeneous
- Automatic

# CS601 - Data Communication (Quiz 1)

Question # 9 of 10 ( Start time: 08:29:25 PM, 04 January 2020)

In FSK, Baud rate is less than or equal to \_\_\_\_\_

Select the correct option

<input type="radio"/>	Decible
<input type="radio"/>	Signal
<input type="radio"/>	Bit
<input type="radio"/>	Pulse



Type here to search



Esc

F1

F2

F3

F4

F5

F6

Question # 3 of 10 ( Start time: 11:52:32 AM, 04 January 2022 )

Total

Simple sine wave can be used to send -----.

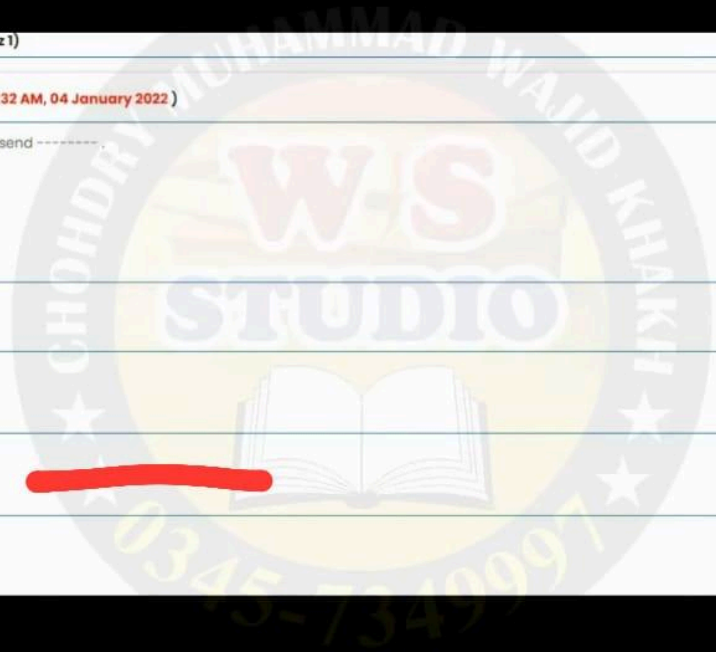


Select the correct option

Bandwidth

Amplitude

Time value



Question # 8 of 10 ( Start time: 12:15:03 PM, 04 January 2022 )

Total Marks: 1

In \_\_\_\_\_ encoding scheme, the voltage level oscillates between a positive and a negative value although it may remain at zero level between the two values.

Select the correct option

<input checked="" type="radio"/>	Polar
<input type="radio"/>	Bi-Polar
<input type="radio"/>	Uni-Polar
<input type="radio"/>	Non-Polar

Question # 10 of 10 ( Start time: 12:07:09 PM, 04 January 2022 )

Total Marks: 1

Most commonly used connector for twisted pair cable is \_\_\_\_\_.

Select the correct option

- |                                  |       |
|----------------------------------|-------|
| <input type="radio"/>            | RJ-11 |
| <input checked="" type="radio"/> | RJ-45 |
| <input type="radio"/>            | RJ-44 |
| <input type="radio"/>            | RJ-52 |

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=b8e1eef6-4640-4939-8a12-0a01b5617b4a

We can have \_\_\_\_\_ different groups with a 4 bit block.

8

Select the correct option

<input type="radio"/>	32
<input checked="" type="radio"/>	16
<input type="radio"/>	4

14°C Smoke 9:01 PM 1/4/2022

Question # 8 of 10 ( Start time: 08:28:39 PM, 04 January 2022 )

Polar encoding scheme uses \_\_\_\_\_ voltage level.

Select the correct option

1

0

3

2



Type here to search



WiFi



Esc

F1

F2

F3

F4

F5

F6

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%

1

2

3

4

5

Question # 5 of 10 ( Start time: 11:56:40 AM, 04 January 2022 )

Total

Cable TV networks use \_\_\_\_\_ cables.

Select the correct option

- Coaxial
- UTP
- Twisted pair




Question # 7 of 10 ( **Start time: 11:55:01 AM, 04 January 2022** )

**Total Marks: 1**

In \_\_\_\_\_ modulation process is used by the transmitting devices to shift their data to a specific carrier frequency for multiplexing.

Select the correct option

 Reload Math Equations

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




Question # 4 of 10 ( Start time: 11:49:45 AM, 04 January 2022 )

Total Marks: 1

----- has less electromagnetic interference as compared to other guided medium.

Select the correct option

 Reload Math Equations

- |                                  |                         |
|----------------------------------|-------------------------|
| <input checked="" type="radio"/> | Unshielded Twisted Pair |
| <input type="radio"/>            | Shielded Twisted Pair   |
| <input type="radio"/>            | Fiber Optic             |
| <input type="radio"/>            | Coaxial                 |

 Saving...

BC200405171: SANA

**Time Left** 17 sec(s)

CS601 - Data Communication (Quiz 1)


Quiz Start Time: 09:18 AM, 04 January 2022

Question # 8 of 10 ( Start time: 09:27:24 AM, 04 January 2022 )

Total Marks

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

Select the correct option

 Reload Math Equations

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

Activate Windows  
Go to Settings to activate Windows.

 Click to Save Answer & Move to Next Question

Question # 9 of 10 ( Start time: 09:28:48 AM, 04 January 2022 )

Total Mar

Latency is made of \_\_\_\_\_components.

Select the correct option

- Five
- Four
- Three
- Two

Activate Windows  
Go to Settings to activate Windows.

Question # 10 of 10 ( Start time: 11:32:20 AM, 04 January 2022 )

Total Marks:

Manchester encoding scheme uses an inversion at the \_\_\_\_\_ of each bit.

Select the correct option

None of the given

Middle

End

Start



Question # 6 of 10 ( Start time: 09:25:12 AM, 04 January 2022 )

Total Marks

A frequency is called -----, if the rate of change in sine wave is instantaneous.

A correct

Select the correct option

- Infinite frequency
- Zero frequency
- Bandwidth
- Propagation delay

Activate Windows  
Go to Settings to activate Windows.

Question # 9 of 10 ( Start time: 11:31:26 AM, 04 January 2022 )

Total Marks:



Polar encoding scheme uses \_\_\_\_\_ voltage level.

Select the correct option

- 2
- 0
- 3
- 1

Saving...



Question # 5 of 10 ( Start time: 11:25:12 AM, 04 January 2022 )

Total Marks:

The human voice normally contains frequency range from \_\_\_\_\_.

Select the correct option

0 to 6000 Hz

0 to 3000 Hz

0 to 4000 Hz

0 to 5000 Hz



MC200403348: SIDRA SHEHZADI

Time Left 85  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 11:21 PM, 04 January 2022

Question # 5 of 10 ( Start time: 11:28:34 PM, 04 January 2022 )

Total Marks: 1

TCP/IP was presented by \_\_\_\_\_ in a research paper.

Select the correct option

Reload Math Equations



Bob Kahn and Kathleen Carley



Vint Cerf and David Lazer



Duncan Watts and Peter Bearman



Vint Cerf and Bob Kahn

Click to Save Answer &amp; Move to Next Question



Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=fedd5de1-1bde-4cb9-8b72-65c002a66bb1

If 32 bits are sent in two seconds then bitrate for that signal is \_\_\_\_\_

Select the correct option

- 16 bps
- 64 bps
- 8 Hz
- 32 bps

14°C Smoke 8:59 PM 1/4/2022

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=6afcd3ef-10b7-4ca0-93ab-a08d00604789

Question # 9 of 10 (Start time: 08:39:44 PM, 04 January 2022) Total Marks: 1

In Binary ASK, the peak amplitude of one signal level is 0 and the other is the same as the \_\_\_\_\_ of the carrier.

Select the correct option

<input type="radio"/>	Phase
<input type="radio"/>	Modulation
<input type="radio"/>	Frequency
<input type="radio"/>	Amplitude

14°C Smoke ENG 8:39 PM 1/4/2022

Question # 9 of 10 (Start time: 01:08:37 PM, 04 January 2022)

Total Marks: !

In Manchester and differential Manchester encoding schemes, the signal rate is \_\_\_\_\_ than that of NRZ.

Select the correct option

- Equal
- Lower
- Triple
- Double

Manchester encoding scheme achieves the same level of synchronization as.....

Select the correct option

- NRZ-1
- NRZ
- RZ
- Differential Manchester



Click to Save Answer & Move to Next Question

Question # 10 of 10 ( Start time: 11:27:03 PM, 04 January 2022 )

Simultaneous transmission of multiple signals across a single data link is called \_\_\_\_\_.

Select the correct option

Modulation

Demodulation

Demultiplexing

Multiplexing



Question # 4 of 10 ( Start time: 12:21:16 PM, 04 January 2022 )

Total Marks: 1

To improve the performance of line coding \_\_\_\_\_ coding was introduced.

Select the correct option

- 2B1Q
- Block coding
- MLT-3
- Double coding

Question # 6 of 10 ( Start time: 12:13:04 PM, 04 January 2022 )

Total Marks: 1

Which one of following is a scrambling coding technique?

Select the correct option

- BBSZ
- BBSZ
- BBSZ
- BZBS

Question # 10 of 10 ( Start time: 12:17:18 PM, 04 January 2022 )

Total Marks: 1

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

Select the correct option

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

Question # 7 of 10 ( Start time: 11:29:12 AM, 04 January 2022 )

Total Marks:

The layer of TCP/IP protocol suite which is on the top is known as \_\_\_\_\_ layer.

Select the correct option

 Reload Math Equations

- Transport
- Application
- Network
- Data link

 Saving...



# CS601 - DATA COMMUNICATION-QUIZ: 1

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:43 PM, 04 January 2022

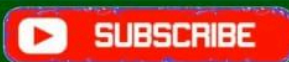
Question # 8 of 10 ( Start time: 04:48:30 PM, 04 January 2022 )

Total Marks: 1

\_\_\_\_\_category of coaxial cable is used for thick Ethernet.

Select the correct option

- RG-11
- RG-58
- RG-59



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Question # 1 of 10 ( Start time: 09:18:01 AM, 04 January 2022 )

Total Marks

In ASK correct formula for calculating the bandwidth is as -----

Select the correct option

- $B=(d-1)S$
- $B=(d-5)S$
- $B=(1+d)S$
- $B=(d+1)S$



Activate Windows  
Go to Settings to activate Windows.

Question # 2 of 10 ( Start time: 11:23:04 AM, 04 January 2022 )

Total Marks:

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

Select the correct option

- Sampling
- Modulation 
- Quantizing
- Quantizing and Sampling 

[Click to Show Answer](#) [Click to Move to Next Question](#)



Question # 5 of 10 ( Start time: 11:51:39 AM, 04 January 2022 )

Total Marks: 1

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

- Hybrid data transmission
- Both parallel and serial transmission
- Parallel data transmission
- Serial data transmission

Question # 8 of 10 ( Start time: 10:12:55 PM, 04 January 2022 )

The \_\_\_\_\_ technique expands the bandwidth of a signal by replacing each data bit with n bits using a spreading code.

Select the correct option

DSSS

TDM

FDM

FHSS

Type here to search

**Question # 8 of 10 ( Start time: 07:15:20 PM, 04 January 2022 )**

Identify the correct formula to calculate Propagation time.

**Select the correct option**

- |                       |   |
|-----------------------|---|
| <input type="radio"/> | Propagation time = Bandwidth / (Propagation Speed)  |
| <input type="radio"/> | Propagation time = throughput / (Propagation Speed) |
| <input type="radio"/> | Propagation time = Delay / (Propagation Speed)      |
| <input type="radio"/> | Propagation time = Distance / (Propagation Speed)   |



Question # 5 of 10 ( Start time: 07:09:50 PM, 04 January 2022 )

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

Select the correct option

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

Question # 7 of 10 ( Start time: 12:14:11 PM, 04 January 2022 )

Total Marks: 1

\_\_\_\_\_ is the Nyquist bit rate formula for noiseless channel.

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input checked="" type="radio"/> | $\text{BitRate} = 2 * \text{Bandwidth} * \log_2 L$ |
| <input type="radio"/>            | $\text{BitRate} = 2 * \text{Bandwidth} * \log_2$   |
| <input type="radio"/>            | $\text{BitRate} = 2 * \text{Bandwidth} * L$        |
| <input type="radio"/>            | $\text{BitRate} = 3 * \text{Bandwidth} * \log_2 L$ |

Question # 2 of 10 ( Start time: 12:10:06 PM, 04 January 2022 )


Total Marks: 1

The material used for conduction in twisted pair cable is -----

Select the correct option

 Reload Math Equations

- Silver
- Aluminum
- Copper
- Gold

 Click to Save Answer & Move to Next Question

Bandwidth in hertz is the range of \_\_\_\_\_ contained in a composite signal.

Select the correct option

- Signots
- Frequencies
- Amplitudes
- Phases

Activate Windows  
Go to Settings to activate Windows.

Question # 9 of 10 ( Start time: 10:14:02 PM, 04 January 2022 )

A twisted pair cable consists of \_\_\_\_\_ conductors.

Select the correct option

Five

Two

Four

Three

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

A correct

Select the correct option

- Input lines
- Multiplexed T lines
- Input frequency
- Output data rate

Activate Windows  
Go to Settings to activate Windows.

Question # 3 of 10 ( Start time: 11:25:09 PM, 04 January 2022 )

Total Marks: 1

Bi-polar uses \_\_\_\_\_ voltage levels.

Select the correct option

 Four One Three Two

Click to Save Answer &amp; Move to Next Question

Question # 10 of 10 ( Start time: 11:57:11 AM, 04 January 2022 )

Total Marks: 1

----- protocol suite is being used by the modern internet communication.

Select the correct option

- OSI
- Telnet
- ARPANET
- TCP/IP

Question # 1 of 10 ( Start time: 11:22:34 AM, 04 January 2022 )

Total Marks:

In an analogue hierarchy to carry voice channels, a group can carry \_\_\_\_\_ voice channels.

Select the correct option

- 12
- 20
- 10
- 60

Saving...



Question # 4 of 10 ( Start time: 09:22:09 AM, 04 January 2022 )

Total Marks

\_\_\_\_\_ is the number of bits sent in 1 second.

**B correct**

Select the correct option

- Latency
- Bit rate
- Frequency
- Bandwidth

Activate Windows  
Go to Settings to activate Windows.

**Question # 6 of 10 ( Start time: 07:12:05 PM, 04 January 2022 )**

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

**Select the correct option**

- |                       |                     |
|-----------------------|---------------------|
| <input type="radio"/> | Output data rate    |
| <input type="radio"/> | Input lines         |
| <input type="radio"/> | Input frequency     |
| <input type="radio"/> | Multiplexed T lines |

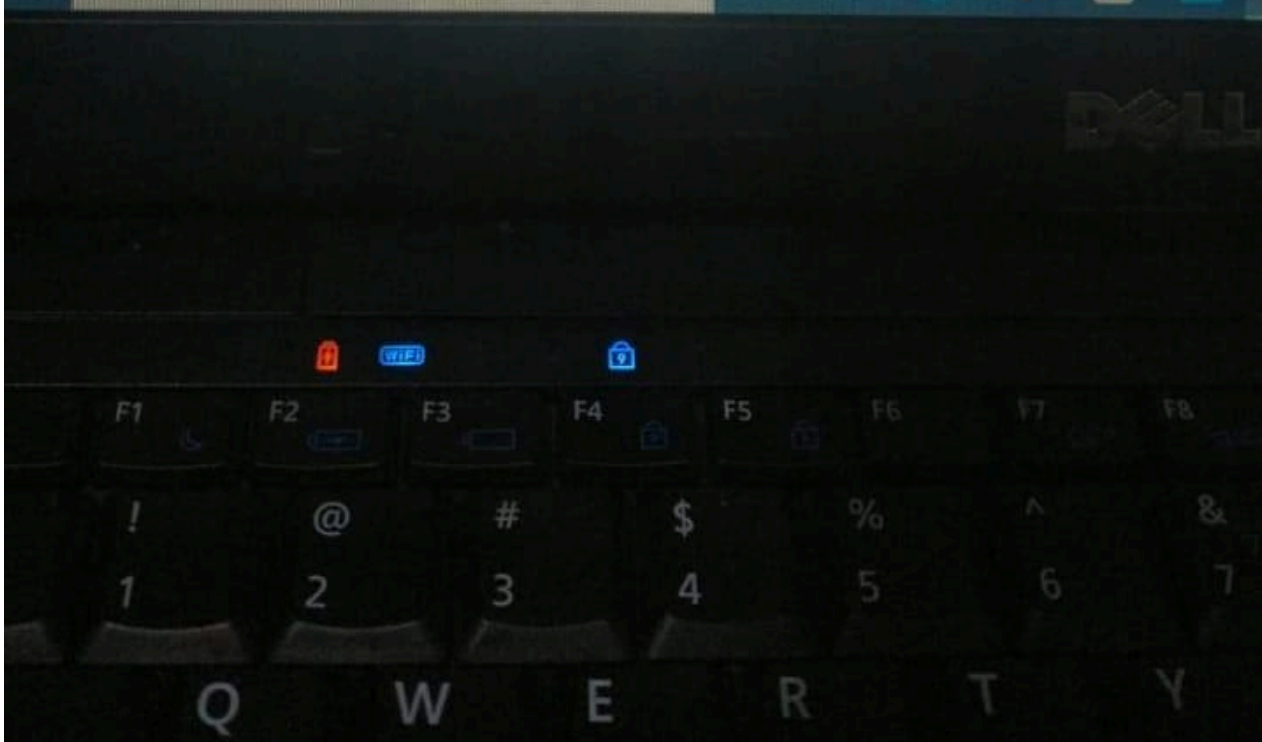
Question # 3 of 10 ( Start time: 08:22:14 PM, 04 January 2022 )

----- protocol suite is being used by the modern internet communication.

Select the correct option

- Telnet
- OSI
- TCP/IP
- ARPANET

Type here to search



Question # 5 of 10 ( Start time: 12:30:16 PM, 04 January 2022 )

Total Marks: 1

Wireless transmission can be divided into \_\_\_\_\_ broad groups.

Select the correct option

- Two
- Three
- Four
- Five

Question # 4 of 10 ( Start time: 11:25:10 AM, 04 January 2022 )

Total Marks: 1

\_\_\_\_\_ is the range of frequencies contained in a composite signal.

Select the correct option

- |                                  |           |
|----------------------------------|-----------|
| <input type="radio"/>            | Phase     |
| <input checked="" type="radio"/> | Bandwidth |
| <input type="radio"/>            | Amplitude |
| <input type="radio"/>            | Noise     |

Question # 3 of 10 ( Start time: 12:11:40 PM, 04 January 2022 )

Total Marks: 1

Bi-polar uses \_\_\_\_\_ voltage levels.

Select the correct option

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



Low pass channel with \_\_\_\_\_ bandwidth is not real and is used for theoretical modeling.

**Select the correct option**

- |                       |             |
|-----------------------|-------------|
| <input type="radio"/> | Ethernet    |
| <input type="radio"/> | Multiplexed |
| <input type="radio"/> | infinite    |
| <input type="radio"/> | Narrow      |
- 

Question # 6 of 10 ( Start time: 12:30:50 PM, 04 January 2022 )

Total Marks: 1

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

Select the correct option

 Reload Math Equations

- Electromagnetic wave
- Bits
- Light
- Bytes

[Click to Save Answer & Move to Next Question](#)

Question # 8 of 10 ( Start time: 11:55:36 AM, 04 January 2022 )

Total Marks: 1

In transmission impairments \_\_\_\_\_noise occurs from other sources like motors and appliances etc.

Select the correct option

- Cross talk
- Induced
- Thermal
- Impulse

Question # 2 of 10 ( Start time: 11:44:06 AM, 04 January 2022 )

Total Marks: 1

\_\_\_\_\_ is Shannon capacity formula to determine highest theoretically data rate for a noisy channel.

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | Capacity=Bandwidth*log <sub>2</sub> (SNR)   |
| <input checked="" type="radio"/> | Capacity=Bandwidth*log <sub>2</sub> (1+SNR) |
| <input type="radio"/>            | Capacity=Bandwidth*(1+SNR)                  |
| <input type="radio"/>            | Capacity=Bandwidth*log <sub>2</sub> (2+SNR) |

Question # 2 of 10 (Start time: 10:04:20 PM, 04 January 2022)

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

Select the correct option

Protocol

Sender

Transmission Medium


Receiver


Question # 9 of 10 ( Start time: 11:34:31 AM, 04 January 2022 )

Total Marks: 1

Switch is a \_\_\_\_\_ layer device.

Select the correct option

 Reload Math Equations

- Network
- Transport
- Application
- Data link 

Click to Save Answer & Move to Next Question

MC200403348: SIDRA SHEHZADI

Time Left 84  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 11:21 PM, 04 January 2022

Question # 8 of 10 ( Start time: 11:32:29 PM, 04 January 2022 )

Total Marks: 1

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

Select the correct option

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

Click to Save Answer &amp; Move to Next Question





Question # 10 of 10 ( Start time: 07:18:41 PM, 04 January 2022 )

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

Select the correct option



Frequency



Amplitude



Time Period



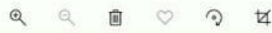
Latency

Click to Save Answer



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Question # 8 of 10 ( Start time: 01:07:20 PM, 04 January 2022) Total Marks: 1

In a bidirectional communication, each layer performs two \_\_\_\_\_ tasks in each direction.

Select the correct option

Reload Math Equations

- Identical
- Opposite
- Similar
- Complimentary

Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 08:20:11 PM, 04 January 2022)

\_\_\_\_\_ is a type of serial transmission in which data bits are transmitted as a continuous stream in time with a master clock. start bits, stop bits, and gaps are not used. Transmitter and receiver time is sync.

Select the correct option

- Isochronous
- Metasynchronous
- Synchronous
- Asynchronous



BC200405171: SANA

**Time Left** 48  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 09:18 AM, 04 January 2022

Question # 5 of 10 ( Start time: 09:23:39 AM, 04 January 2022 )

Total Marks

Low pass channel with \_\_\_\_\_ bandwidth is not real and is used for theoretical modeling.

Select the correct option

- Narrow
- Ethernet
- Infinite
- Multitoned

Activate Windows  
Go to Settings to activate Windows.

Question # 5 of 10 ( Start time: 12:12:23 PM, 04 January 2022 )

Total Marks: 1

----- cable is used in Wavelength division multiplexing.

Select the correct option


- Twisted pair
- Ethernet
- Fiber optic
- Coaxial

Question # 2 of 10 ( Start time: 12:28:01 PM, 04 January 2022 )

Total Marks: 1

In \_\_\_\_\_ TDM, slots are dynamically allocated to the connected stations to improve bandwidth efficiency.

Select the correct option

 Reload Math Equations

- Synchronous
- Statistical
- Isochronous
- Standard

Saving...

Question # 1 of 10 ( Start time: 12:27:38 PM, 04 January 2022 )

Total Marks: 1

Cable TV networks use\_\_\_\_\_ cables.

Select the correct option

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

Question # 6 of 10 ( Start time: 12:04:02 PM, 04 January 2022 )

Total Marks: 1

In \_\_\_\_\_ data moves faster and timing errors are less frequent because the transmitter and receiver time is synced.

Select the correct option

- Metasynchronous
- Asynchronous
- Isochronous
- Synchronous

Question # 4 of 10 ( Start time: 12:29:09 PM, 04 January 2022 )

Total Marks: 1

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

▶ Select the correct option

- Multiplexed T lines
- Input frequency
- Input lines
- Output data rate

BC200405171: SANA

**Time Left** 29  
sec(s)

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 09:18 AM, 04 January 2022

Question # 10 of 10 ( Start time: 09:29:12 AM, 04 January 2022 )

Total Marks

In Ring topology, each node has a point to point dedicated link with \_\_\_\_\_.

Select the correct option

- More than 3 nodes
- Exactly 1 node
- Exactly 2 nodes
- Exactly 3 nodes


Activate Windows  
Go to Settings to activate Windows.

Question # 1 of 10 ( Start time: 12:18:45 PM, 04 January 2022 )

Total Marks: 1

Which multiplexing technique shifts each signal to a different carrier frequency?

Select the correct option

 Reload Math Equations

- PDM
- TDM
- WDM
- FDM

Click to Save Answer & Move to Next Question



Question # 4 of 10 ( Start time: 07:08:33 PM, 04 January 2022 )

In transmission impairments \_\_\_\_\_ noise occurs from the random motion of electrons in a wire.

Select the correct option

- |                       |               |
|-----------------------|---------------|
| <input type="radio"/> | Thermal noise |
| <input type="radio"/> | Impulse noise |
| <input type="radio"/> | Induced noise |
| <input type="radio"/> | Cross talk    |

Click to Save

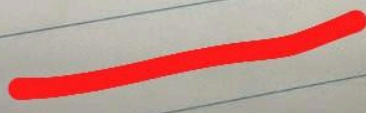


Question # 6 of 10 (Start time: 08:26:02 PM, 04 January 2022)

In star based network comprising of four computers and one switch, total number of cables needed will be \_\_\_\_\_

Select the correct option

- 6
- 4
- 5
- 3



Click to Show Answer & Move to Next Question

17°C Cloudy 1:28 pm 04/01/2022

Question # 5 of 10 ( Start time: 10:08:45 PM, 04 January 2022 )

In \_\_\_\_\_ multiplexing technique, guard bands are used to avoid overlapping of frequency bands assigned to each user.

Select the correct option

PDM

FDM

CSMA

TDM

\_\_\_\_\_ is a block coding method.

Select the correct option

- NRZ
- 8B/10B
- NRZ-I
- 8B/12B

By Helping Hands

Click to Save Answer & Move to Next Question

# CS601 - DATA COMMUNICATION-QUIZ: 1

CS601 - Data Communication (Quiz 1)

Quiz Start Time: 04:43 PM, 04 January 2022

Question # 5 of 10 ( Start time: 04:45:38 PM, 04 January 2022 )

Total Marks: 1

Multipoint channel can be shared in \_\_\_\_\_ manner.

Select the correct option

[Reload Math Equations](#)

- Both spatial and temporal
- Temporal
- Spatial
- A lot of ways



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\_\_\_\_\_ signals have limited number of discrete values.

**Select the correct option**



Analogue



Digital



Continuous



Logical

Which multiplexing technique involves signals composed of light beams?

**Select the correct option**

<input type="radio"/>	TDM
<input type="radio"/>	FDM
<input type="radio"/>	PDM
<input type="radio"/>	WDM


Question 1 of 10 (Start of simulation on 10/10/2024)

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

Select the correct option

- Multiplexing
- Routing
- Wavelength
- Period

Click to Save Answer & Move to Next Question

 Search...



Wiring used for transmission modes depends upon .....

Select the correct option

- Latency
- Data Sniffing
- Packet Tracing
- Data Stream

Click to Save Answer & Move to Next Question



Search...



In an analogue hierarchy to carry voice channels, a super group has \_\_\_\_\_ bandwidth.

Select the correct option

- 240 kHz
- 240 Hz
- 120 kHz
- 60 kHz

Click to Save Answer & Move to Next Question

 Search...



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

Select the correct option

- Input lines
- Input frequency
- Multiplexed T lines
- Output data rate

Click to Save Answer & Move to Next Question

Search...



Manchester encoding scheme achieves the same level of synchronization as\_\_\_\_\_.

**Select the correct option**

<input type="radio"/>	NRZ-I
<input type="radio"/>	NRZ
<input type="radio"/>	Differential Manchester
<input type="radio"/>	RZ

In Amplitude Shift Keying \_\_\_\_\_ remain(s) constant.

**Select the correct option**

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

----- is an example of transmitter.

**Select the correct option**



Server



Work station



Modem



Hub

The domain of the expression  $AB'CD + AB' + C'D + B$  is

▶ Select the correct option

- |                       |              |
|-----------------------|--------------|
| <input type="radio"/> | A and D      |
| <input type="radio"/> | A,B,C and D  |
| <input type="radio"/> | B only       |
| <input type="radio"/> | C and D only |

Question # 6 of 10 ( Start time: 02:13:48 PM, 05 January 2022 )

In \_\_\_\_\_ encoding scheme, the voltage level oscillates between a positive and a negative value although it may remain at zero level between the

Select the correct option

Non-Polar

Polar

Uni-Polar

Bi-Polar




\_\_\_\_\_ is normally used for long-distance data transfer.

**Select the correct option**

- Parallel data transmission
- Both parallel and serial transmission
- Serial data transmission
- Hybrid data transmission

Click to Save Answer & Move to Next Question

 Search...



The minimum bandwidth required for QAM transmission is the same as that required for \_\_\_\_\_ and \_\_\_\_\_ transmission.

Select the correct option

- FSK, QPSK
- PSK, FSK
- FSK, ASK
- ASK, PSK

Click to Save Answer & Move to Next Question



Search...



In optical fiber a glass or plastic core is surrounded by a \_\_\_\_\_.

Select the correct option

- |                       |                        |
|-----------------------|------------------------|
| <input type="radio"/> | Insulator              |
| <input type="radio"/> | Inner Conductor shield |
| <input type="radio"/> | Outer conductor shield |
| <input type="radio"/> | Cladding               |

Click to Save Answer & Move to Next Question

Search...




..... means loss of energy in signal.

Select the correct option

- Attenuation
- Distortion
- Noise
- Delay

Click to Save Answer & Move to Next Question

 Search...



\_\_\_\_\_ is the example of multipoint topology.

Select the correct option

- Bus
- Star
- Mesh
- Hub

Click to Save Answer & Move to Next Question

 Search...



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 type="radio"/> | Millimeters |
| <input type="radio"/> | Meters      |
| <input type="radio"/> | Centimeters |
| <input type="radio"/> | Micrometers |

\_\_\_\_\_ is the number of bits sent in 1 second.

**Select the correct option**



Latency



Period



Bit rate



Frequency

Manchester encoding scheme uses an inversion at the \_\_\_\_\_ of each bit.

**Select the correct option**

<input type="radio"/>	None of the given
<input type="radio"/>	End
<input type="radio"/>	Middle
<input type="radio"/>	Start

Radio waves are propagated in \_\_\_\_\_ whenever they are transmitted by an antenna.

**Select the correct option**



Only up and down direction



Left direction



Right direction



All directions

In \_\_\_\_\_ TDM, each input connection has an allotment in the output even if it is not sending data.

**Select the correct option**

<input type="radio"/>	Statistical
<input type="radio"/>	Isochronous
<input type="radio"/>	Synchronous
<input type="radio"/>	Asynchronous

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Time Left 63 sec(s)

CS601 - Data Communication (Quiz1)

Quiz Start Time: 09:39 AM, 05 January 2022

Question # 6 of 10 ( Start time: 09:42:53 AM, 05 January 2022 )

Total Marks: 1

Taking off the header from the message is called \_\_\_\_\_

Select the correct option

- Decapsulation
- Stuffing
- Layering
- Encryption

Click to Save Answer & Move to Next Question