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## CS601 Solved Grand Quiz 2020

### File 1

#### Question No 1

Line Coding scheme is roughly divide into \_\_\_\_\_ broad categories.

#### Select Correct Option

- 5.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- 4
- 3
- 2

#### Question No 2

Signal travel through fiber optic cable are in the form of\_\_\_\_\_.

#### Select Correct Option

- Light.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- Bits
- Electromagnetic
- Bytes

#### Question No 3

Virtual Circuit Identifier is the \_\_\_\_\_ of packet.

#### Select Correct Option

- Address.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- Length
- Size
- Footer

#### Question No 4

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

#### Select Correct Option

- Equal to pulse.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- Double the pulses
- Half of the pulses
- Triple of pulses



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Question No 5

Wavelength binds the ----- of a simple sine wave to the propagation speed of the medium.

Select Correct Option

- ✓ Phase
- ✓ **Period or the frequency**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ Amplitude
- ✓ Bandwidth

Question No 6

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

Select Correct Option

- ✓ RJ-11
- ✓ **RJ-45**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ RJ-44
- ✓ RJ-52

Question No 7

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

Select Correct Option

- ✓ **IBM**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ OSI
- ✓ Dell
- ✓ NASA

Question No 8

Multi-mode technology has\_\_\_\_\_ main types for light propagating.

Select Correct Option

- ✓ Two
- ✓ **Three**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ Four
- ✓ Five





**Question No 9**

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

**Select Correct Option**

- ✓ Two
- ✓ Three
- ✓ **Four**.....([For More Visit VUStudents.pk](http://VUStudents.pk))
- ✓ Five

**Question No 10**

VCI address is \_\_\_\_\_ address in virtual circuit approach.

**Select Correct Option**

- ✓ Private
- ✓ Variable
- ✓ **Local**.....([For More Visit VUStudents.pk](http://VUStudents.pk))
- ✓ Global

**Question No 11**

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

**Select Correct Option**

- ✓ UTP
- ✓ STP
- ✓ Coaxial cable
- ✓ **Fiber optical**.....([For More Visit VUStudents.pk](http://VUStudents.pk))

**Question No 12**

In frequency modulation, the frequency of the oscillator changes according to the \_\_\_\_\_.

**Select Correct Option**

- ✓ Output voltage
- ✓ Output frequency
- ✓ **Input voltage**.....([For More Visit VUStudents.pk](http://VUStudents.pk))
- ✓ Output phase





**Question No 13**

In Virtual Circuit network all packets follow \_\_\_\_\_ path.

**Select Correct Option**

- ✓ Individual
- ✓ **Dedicated**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ Centralized
- ✓ Alternative

**Question No 14**

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

**Select Correct Option**

- ✓ Thermal noise
- ✓ **Distortion**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ Impulse Noise
- ✓ Attenuation

**Question No 15**

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

**Select Correct Option**

- ✓ Demodulation
- ✓ Compression
- ✓ Multiplying
- ✓ **Modulation**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))

**Question No 16**

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

**Select Correct Option**

- ✓ Sender
- ✓ Receiver
- ✓ **Protocol**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ Transmission Medium





**Question No 17**

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

**Select Correct Option**

- Light**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- Sound
- Waves
- None of the given

**Question No 18**

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

**Select Correct Option**

- Bandwidth
- Time value
- Power signal**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- Amplitude

**Question No 19**

In transmission impairments \_\_\_\_\_ occurs from a signal with a high energy with a very short period of time.

**Select Correct Option**

- Impulse noise**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- Induced noise
- Thermal noise
- Cross talk

**Question No 20**

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

**Select Correct Option**

- Amplitude
- Segmentation**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- Phase
- Frequency





**Question No 21**

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

**Select Correct Option**

- ✓ Plain text
- ✓ **Cipher text**.....([For More Visit VUStudents.pk](http://VUStudents.pk))
- ✓ Message
- ✓ Protocol

**Question No 22**

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

**Select Correct Option**

- ✓ 0
- ✓ 1
- ✓ **Negative**.....([For More Visit VUStudents.pk](http://VUStudents.pk))
- ✓ Positive

**Question No 23**

Virtual-Circuit Networks and datagram networks are the sub categories of \_\_\_\_\_.

**Select Correct Option**

- ✓ **Packet-switched networks**.....([For More Visit VUStudents.pk](http://VUStudents.pk))
- ✓ Circuit Switched Networks
- ✓ Both circuit and message switched networks
- ✓ Message switched networks

**Question No 24**

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

**Select Correct Option**

- ✓ 32 bpd
- ✓ 64 bps
- ✓ 8
- ✓ Hz
- ✓ **16 bps**.....([For More Visit VUStudents.pk](http://VUStudents.pk))





Question No 25

In \_\_\_\_\_ systems, resources are allocated on demand.

Select Correct Option

- ✓ Frequency switching
- ✓ Line switching
- ✓ Circuit switching
- ✓ **Packet switching**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))

Question No 26

Line coding method must eliminate the \_\_\_\_\_ and provide synchronization between the sender and the receiver.

Select Correct Option

- ✓ **DC component**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ Attenuation
- ✓ Noise
- ✓ Distortion

Question No 27

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

Select Correct Option

- ✓ **240 kHz**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ 240 Hz
- ✓ 120 kHz
- ✓ 60 kHz

Question No 28

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

Select Correct Option

- ✓ 0
- ✓ 1
- ✓ Negative
- ✓ **Positive**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))





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**Question No 29**

TCP/IP was chosen to be the official protocol of internet in \_\_\_\_\_.

**Select Correct Option**

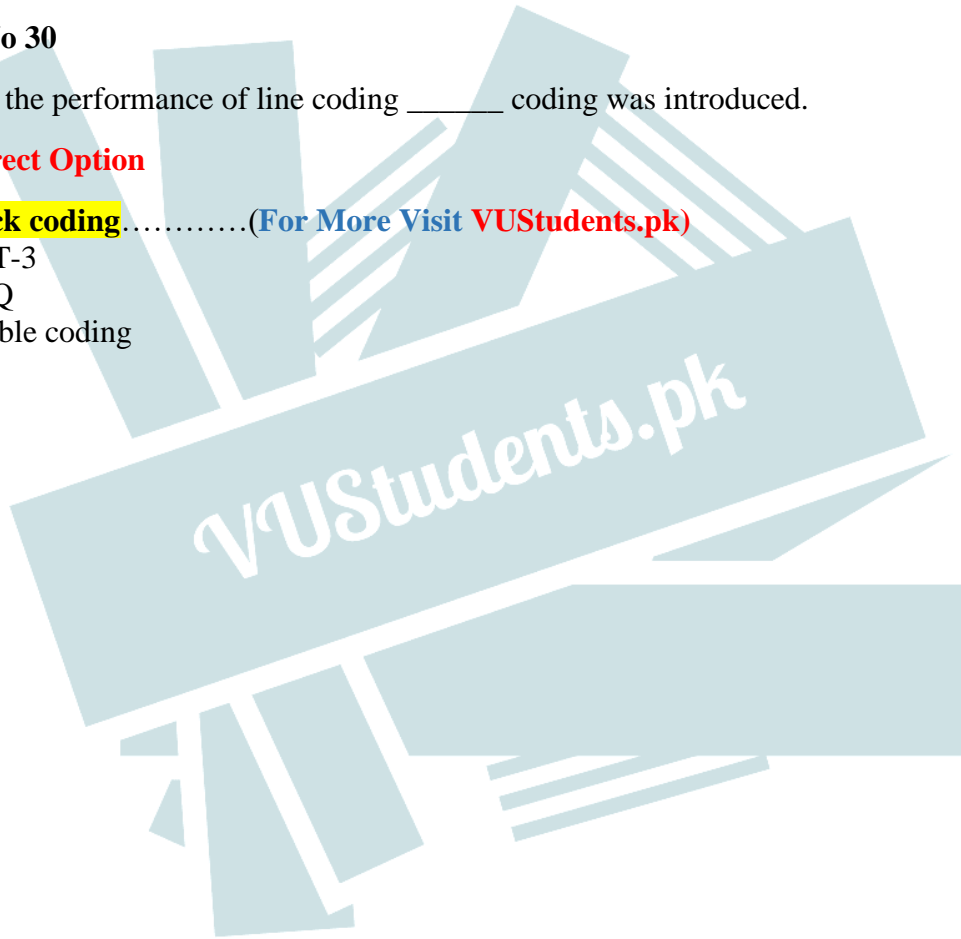
- ✓ 1973
- ✓ 1980
- ✓ **1983**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ 1988

**Question No 30**

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

**Select Correct Option**

- ✓ **Block coding**.....(For More Visit [VUStudents.pk](http://VUStudents.pk))
- ✓ MLT-3
- ✓ 2BIQ
- ✓ Double coding



**THE END**

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