

Question No: 1: Which one best describes the given statement:

"To allow multiple users to share total capacity of a transmission medium"

- ▶ congestion control
- ▶ exchange management
- ▶ **multiplexing**

Question No: 2: Transmitting passwords is the responsibility of

- ▶ communication service module
- ▶ network access module
- ▶ **file transfer application**

Question No: 3: Line configuration refers to the way two or more devices attach to a

- ▶ **Link**
- ▶ Circuit
- ▶ Route
- ▶ Node

Question No: 4: Secondary hub in a tree must be a passive hub.

- ▶ True
- ▶ **False**

Question No: 5 : In mesh topology, if there are five nodes then there will be _____ links.

- ▶ 5
- ▶ **10**
- ▶ 15
- ▶ 20

Question No: 6: Line configuration is the function of _____ layer

- ▶ data link
- ▶ network
- ▶ **physical**
- ▶ transport

Question No: 7: Data link layer deals with mechanical and electrical specifications of transmission medium and interface

- ▶ True
- ▶ **False**

Question No: 8: Session layer is responsible for segmentation and reassembly.

- ▶ True
- ▶ **False**

Question No: 9 (Marks: 1) <http://vuzs.net>

A signal that repeats a pattern over a regular interval of time is called _____.

- ▶ **periodic signal**
- ▶ analog signal
- ▶ composite signal

Question No: 10 : Signal can be controlled by three attributes: Amplitude, frequency and

- ▶ **phase**
- ▶ time

- ▶ wavelength

Question No: 11: Frequency band in which 99% of the total power resides is called _____

- ▶ **power bandwidth**
- ▶ half power bandwidth
- ▶ 3dB bandwidth
- ▶ F.M.

Question No: 12: The amplitude of a digital signal depends upon the _____ to represent a bit.

- ▶ phase
- ▶ **voltage**
- ▶ wavelength

Question No: 13: DC component is also termed as Direct current component or a component with non-zero frequency.

- ▶ **False**
- ▶ True

Question No: 14: The last process in PCM is _____ digital data into digital signal.

- ▶ **encoding**
- ▶ decoding
- ▶ modulating

Question No: 15: The powerful carrier signal is called as the _____

- ▶ carrier frequency
- ▶ base signal
- ▶ carrier frequency and base signal
- ▶ **none of given**

Question No: 16: In 8QAM each signal shift or one baud represents _____.

- ▶ 4 bits
- ▶ **2 bits**
- ▶ 5 bits
- ▶ 3 bits

Question No: 17 : Which of the following is most affected by noise? **ASK(options are not shown)**

- ▶ KSA
- ▶ KSF
- ▶ KSP
- ▶ MAQ

Question No: 18 : Modulation of an analog signal can be accomplished through changing the _____ of the carrier signal.

- ▶ amplitude
- ▶ frequency
- ▶ phase
- ▶ **all of the given**

Question No: 19 : In _____ transmission the timing of the signal is unimportant.

- ▶ **Asynchronous**
- ▶ Synchronous
- ▶ Polar

- ▶ Bi-polar

Question No: 20:In _____ transmission, bits are transmitted simultaneously, each across its own wire.

- ▶ Asynchronous serial
- ▶ Synchronous serial
- ▶ **Parallel**
- ▶ Asynchronous & Synchronous serial

Question No: 21:In _____ transmission, bits are transmitted over a single wire, one at a time.

- ▶ Asynchronous serial
- ▶ Synchronous serial
- ▶ Parallel
- ▶ **Asynchronous & Synchronous serial**

Question No: 22:In _____ transmission, a start bit and a stop bit frame a character byte.

- ▶ **Asynchronous serial**
- ▶ Synchronous serial
- ▶ Parallel
- ▶ Asynchronous & Synchronous serial

Question No: 23:A _____ converts an analog signal into a digital signal.

- ▶ Demodulator
- ▶ **Modulator**
- ▶ Digital-to-analog converter

Question No: 24: _____ requires more bandwidth.

- ▶ FSK
- ▶ **ASK**
- ▶ PSK
- ▶ QAM