Network – Quiz 1 ch 1-5

Q1: Transport layer is a:

a. Host to host delivery
b. Process to process delivery
c. Node to node delivery
d. Process to host delivery

Q2: The session layer is responsible for:

a. Dialog control and synchronization
b. Compression and encryption
c. Encoding and decoding
d. Converting analog signal to digital signal

Q3: Presentation layer is a layer between:

a. Session and transport layers
b. Application and session layers
c. Transport and session layers
d. Application and transport layers

Q4: Which of the following physical addresses is not correct?

a. 08:10:2B: 12:3C:11
b. 82:2H: 31:02:33:21
c. 71:56:4E: 51:62:2F
d. 10:2D: 63:1B:12:3A

Q5: The period of signal is 5ms what is its frequency in MHZ:

a. $2x10^{-5}$ MHZ
b. $1x10^{-6}$ KHZ
c. $5x10^{-3}$ KHZ
d. $2x10^{-3}$ KHZ

Q6: Anon periodic composite signal has a band width of 100 KHZ with a middle frequency of 200 KHZ and a peak amplitude of 10V, what is the lowest and highest frequency :

a. Fl=100 KHZ, Fh=200 KHZ
b. Fl=100 KHZ, Fh=300 KHZ
c. Fl=150 KHZ, Fh=250 KHZ
d. Fl=140 KHZ, Fh=240 KHZ

Q7: A digital signal has 32 levels how many bits are needed per level:

a. 2 bits b. 3 bits c. 5 bits d. 4 bits

Q8: A signal of 20 watt travel through a transmission medium and it reduced to 10 watts at the receiver side the loss of power in dB through transmission medium is:

a. -4 dB b. -2 dB c. -5dB d. -3dB

Q9: The PCM encoder consist of three stages :

a. Sampling, Quantizing, encoding.
b. Sampling, packetizing, encoding.
c. Sampling, digitalizing, Quantizing.
d. Encoding, sampling, transmitting.

Q10: If the baud rate equal =2000 signal element per second and the total number of bits per baud =5 final the bit rate:

a. 1000 bps
b. 10000 bps
c. 20000 bps
d. 50000 bps