2- Equipment for encoding is less expensive than digital-to analog equipment

a. Analog data, digital signal . Digital data, digital signal c. Digital data, analog d. Analog data, analog signal

3- narrow band of frequencies that most of signal's energy is contained in.

a. Spectrum b. Absolute bandwidth. Effective bandwidth d. Fundamental frequency

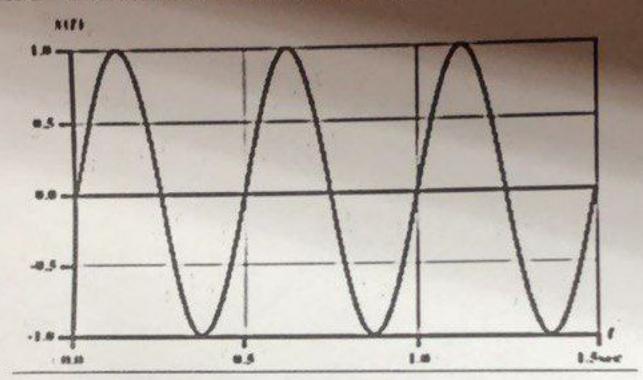


Fig1. Sine Wave

4- According to figure 1, the amplitude of the sine wave is:

1 b. 0.5 c. 2 d. 1.5

5- According to figure 1, the phase of the sine wave is:

a. 90 •.0 c.45 d.180

6- According to figure 1, the frequency of the sine wave is:

a. 1 b. 2 c. 3 d. 4

7- Microwave frequency range

. 1GHz to 40 GHz b. 30MHz to 1GHz c. 1GHz to 4GHz d. 30GHz to 1GHz

8- The Multiplexing technique that focus on data rate is :

a. FDM b. TDM c. Multiplexing d. none of above.

9- The downlink in satellite microwave transmissions relates with:

a. Sender b. receiver o. sender & receiver d. none of the above.

10- SNR increase when the data rate

a. Increase b. decrease c. equal d. none of the above.

Answer the following Questions: Mark the following answ

- 1. Analog signals can propagate analog and digital data مش متاكد
 - True b. False
- 2. Noise interference in analog signals is higher than digital signals
 - True b. False
- 3. Analog signal is a multilevel signal مش متاكد
 - a. True . False
- 4. The upper bound of SNR equation is equal to data rate.
 - True b.False
- 5. The Nyquist Bandwidth considered the calculation of noise in its formula
 - a. True False
- 6. Multiplexing improves the data rate transmissions.مش عار ف
 - a. True b. False
- 7. Wireless transmission is a guided media.
 - a. True False
- 8. Signal amplitude varies over time
 - True b. False
- 9. Communication efficiency is higher in circuit switching than communicat
 - a. True False
- عار ف. Priorities used in circuit switching.
 - a. True b.False

"With my best wishes"

Dr.Mohammed Abdalla