

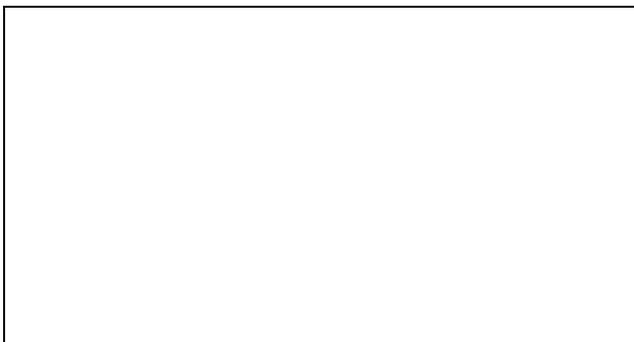
1. Draw a diagram which shows the relationship between the four main elements of any communication system.

2. What is the name given to undesirable interference that is added to a signal being transmitted?

3. What layer of the Open Systems Interconnect model deals with the transmission channel?

4. A) Draw a generic analog signal.

B) What are the advantages of analog signals?



C) Name a commonly used analog signal.

5. A) Draw a generic digital signal.



B) What are the advantages of digital signals?

C) Name a commonly used digital signal.

6. A) Explain the need for a modem in a communication system.

B) What specific function does a modem perform in a device which is receiving communication?

7. Briefly describe how your favorite Taylor Swift song (I know you have one) can be transmitted over a high-frequency carrier wave.