**Sheet 0**

1. Mention the types of waves, identify each type and give an example.
2. Identify each:

a-wavelength.

b-amplitude.

c-frequency.

1. Draw the Full-duplex communication system block diagram.
2. Mention 5 types of antennas.
3. Mention types of antennas used in aircraft and spacecraft.
4. Mention the difference between scalar and vector, give example.