BHARATH COACHING CENTRE

8thCBSE   Science   Total: 50

Sound   Time: 1.30 hrs

SECTION – A   5 X 1 = 5

1. Voice of Which of the following will have low frequency?
   a) Baby boy   b) Baby girl   c) Men   d) Women
2. Unit of frequency is
   a) Hertz   b) Volt   d) Ohm   d) Ampere
3. Voice box is termed as
   a) Larynx   b) Throat   c) Tongue   d) None of the below
4. Sound propagates maximum in
   a) Gas   b) liquid   c) Solid   d) All
5. Sound is a kind of
   a) Energy   b) work   c) Force   d) None

SECTION – B   5 X 2 = 10

1. A simple pendulum makes 20 oscillations in 40 seconds what is the time period and frequency of the pendulum?
2. What do you mean by oscillatory motion?
3. Define Time period.
4. What do you mean by audible sound?
5. What are the harms of noise pollution?

SECTION – c   7 X 5 = 35

1. Differentiate ultrasonic and infrasonic sound.
2. What is the property of vibration that determines pitch of sound?
3. Define frequency in detailed terms.
4. Differentiate between musical sound and noise.
5. What is ektara? And identify its vibrating part.
6. Demonstrate an activity to prove that sound needs a medium to propagate from one place to other.
7. Identify and list down the vibrating parts in various musical instruments.