

SOUND

CLASS-IX

SUBJECT : PHYSICS
CHAPTER NUMBER: 12
CHAPTER NAME : SOUND

CHANGING YOUR TOMORROW

Home Assignment

1. Note is a sound
 - (a) of mixture of several frequencies
 - (b) of mixture of two frequencies only
 - (c) of a single frequency
 - (d) always unpleasant to listen

2. Sound travels in air if
 - (a) particles of medium travel from one place to another
 - (b) there is no moisture in the atmosphere
 - (c) disturbance moves
 - (d) both particles as well as disturbance travel from one place to another.

3. When we change feeble sound to loud sound we increase its
 - (a) frequency
 - (b) amplitude
 - (c) velocity
 - (d) wavelength

Home Assignment

4. In the curve (Fig. 12.1) half the wavelength is

- (a) A B
- (b) B D
- (c) D E
- (d) A E

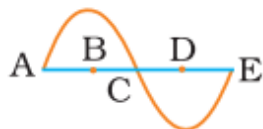


Fig. 12.1

5. Sound travels with a speed of about 330 m/s. What is the wavelength of sound whose frequency is 550 Hz?

- (1) 6 m (2) 60 m (3) 0.6 m (4) 6 cm

6. One hertz is equivalent to –

- (1) one cycle per sec. (2) one second (3) one meter per sec. (4) one second per meter

THANKING YOU
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