

INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT-III (2013-2014)
SCIENCE

Std: - VIII

Date:-11.11.2013

SET-1

Time: -45 Mins

Marks: - 25

I. Choose the correct option

(1X5=5)

1. The characteristics of force are
 - a. magnitude
 - b. direction
 - c. the point of application
 - d. All of the above

2. In which of the following examples vibration cannot take place?
 - a. plastic
 - b. metal
 - c. air
 - d. vacuum

3. When an object is sharpened, what happens to the area of contact?
 - a. The area remains unchanged
 - b. The area is increased
 - c. The area is decreased
 - d. The sharpening has no effect on the area

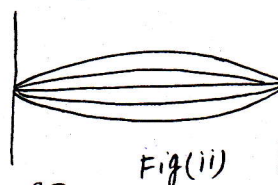
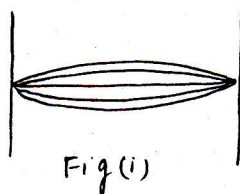
4. Which part of the ear transmits sound to the brain?
 - a. Cochlea
 - b. stirrup
 - c. Eardrum
 - d. Auditory nerve

5. Shehnai is an example of
 - a. String instrument
 - b. Wind instrument
 - c. Percussion instrument
 - d. Both (a & b)

II. Very short answer type questions:-

(1X5=5)

1. Why do we slip when we step on a banana peel (one point)
2. Differentiate between sliding friction and rolling friction(one point)
3. Which of these figure shows high pitch and why?



4. Define frequency.
5. Camels are able to run fast in deserts. Justify (give one point)

III. Short answer type questions:-

(2X3=6)

1. On what factor the degree of loudness depend upon? Name the unit to measure the loudness of sound.
2. Why do liquid exert force when poured into vessel?
3. The weight of the log of wood is 200N. Calculate the pressure exerted by the wood when it is kept on a wooden plank, if the area of contact is 100 sq cm.

IV. Long answer type questions:-

(3X3=9)

1. Mention three methods to reduce friction.
2. Describe an experiment to show that liquid pressure changes with the density of the liquid.
3. Draw a neat labeled diagram of human ear.

The End.