

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

Std: - VIII

Date:-11.11.2013

SET-2

Time: -45 Mins

Marks: - 25

I. Choose the correct option.

(1X5)=5 Marks

1. The effects of friction force may be
 - a. Friction reduces the speed of a moving object.
 - b. Friction produces heat
 - c. Friction causes the wear and tear
 - d. All of the above
2. Speed of sound in water is
 - a. 330 m/s
 - b. 1480 m/s
 - c. 5920 m/s
 - d. 440 m/s
3. Contact force is not used in
 - a. Sharpening a pencil.
 - b. A magnet pulling an iron object
 - c. Pressing the brakes to stop a car
 - d. Pulling a heavy roller
4. The sound produced is controlled by thin membranous structure known as
 - a. Vocal chord
 - b. Larynx
 - c. Eardrum
 - d. Cochlea
5. Which of the following instruments produce musical note due to vibration of strings.
 - a. Tabla
 - b. Sarod
 - c. Guitar
 - d. Both (b & c)

II. Very short answer type questions:-

(1X5=5)

1. Why kabaddi players rub their palm with soil (give one point)
2. Differentiate between infrasonic and ultrasonic sound (one point each)
3. What happens when small bits of paper are placed on a drum and struck? (give one point)
4. Define Amplitude.
5. Shalini prefers to have her school bag with broad strap. Justify (give one point)

III. Short answer type questions:-

(2X3=6)

1. How do bats find their way? (give 2 points)
2. How does liquid pressure vary with depth (give 2 points)
3. The pressure exerted by a solid is 6400 Pa when it is placed on a flat surface. If the area of the contact is 3200 sq cm. find the weight of the body?

IV. Long answer type questions:-

(3X3=9)

1. Mention three methods to increase friction
2. Describe an experiment to show that liquid exert pressure.
3. Draw a neat labeled diagram of human ear.

The End.