

B.C.M SCHOOL BASANT AVENUE DUGRI ROAD LUDHIANA

CLASS – VIII

SCIENCE ASSIGNMENT ANSWER KEY

MCQ

- 1.b
- 2.c
- 3.b
- 4.b
- 5.a

ANSWERS

1.Distance travelled by sound = 660 m/s

Time taken by the sound = 2 seconds

Speed of sound in air = distance travelled / time

Speed of sound = $660\text{m} / 2\text{s} = 330 \text{ m/s}$

2.Coke is a tough, porous and black substance.

3.by sprinkling powder

4.the door moves smoothly by reducing friction.

5.When all the parallel rays reflected from a plane surface are not parallel, the reflection is known as diffused or irregular reflection. Reflection from a smooth surface like that of a mirror is called regular reflection.

The diffused reflection is not due to the failure of the laws of reflection. It is caused by the irregularities in the reflecting surface.

6. Diagram from NCERT book

Case study

1.A push or pull of an object

2.Box will move towards X. This is the case of unbalanced force

3.Balanced forces are forces of equal magnitude but are opposite in direction.

Unbalanced forces, on the other hand, are not equal in magnitude and may or may not be directed in the same direction.