

(B) Short Answer Questions :-

Ques 1  $\Rightarrow$  Define force.

Ans  $\Rightarrow$  A Push or a pull applied on a body is called force.

Ques 2  $\Rightarrow$  What is noise ?

Ans ⇒ Loud and unpleasant is called noise.

Quest 3 ⇒ Differentiate between luminous and non luminous objects.

Ans ⇒ Luminous object give us light, e.g bulb candle and torch. Non-luminous objects do not give us light.

Pencil, book, table and chair are non luminous objects. We see non-luminous objects when light falls on them.

(C) Long Answer Questions:—

Quest 1 ⇒ What is friction? Give one example

Ans ⇒ Friction is a special force that slows down the movement of objects.

For example — When we roll a ball on a floor, it slows down and finally stops. Friction stops the moving ball.

Quest 2 ⇒ How is noise reduced?

Ans ⇒ We can reduce noise by doing the following:

- (i) Speaking softly.
- (ii) Always playing TV and music system at a low volume.

Quest-3 ⇒ Explain how shadows are formed.

Ans ⇒ Shadows are formed when an object blocks (stops) the path of light. Some things like glass do not form shadow because they let the light pass through them. We see our dark image on the ground when we stand under the sun. A shadow is always formed on the opposite side of the light.

Quest-4 ⇒ List three effects of force on any object.

- Ans ⇒
- (i) Force can move an object at rest.
  - (ii) Force can change the shape of an object.
  - (iii) Force can stop a moving object.