

SAINIK SCHOOL GOPALGANJ
SUB: SCIENCE
CLASS – VIII

ASSIGNMENT – 2

FORCE AND PRESSURE

General Instruction:

After solving all the questions of NCERT EXERCISE of this chapter, solve these additional questions in your copy.

SHORT ANSWER TYPE QUESTION

- Q1. Give reason why a straw is rubbed with woolen cloth attracts another straw.
- Q2 Give reason why a coin is released from hand it begins to move downwards.
- Q3. What is a force ? Give an example in daily life situation.
- Q4. What is Pressure ? What are the factors on which Pressure depends on?
- Q5. Why is it difficult to carry a bag of thin straps ?
- Q6. An object which is thrown up finally comes down .Why?

Multiple Choice Questions

1. A ball rolling on the ground slows down and finally stops because
- (a) force
 - (b) less force applied
 - (c) friction
 - (d) none of the above
2. The force involved in falling of an apple from a tree is known as?
- (a) magnetic force
 - (b) electrostatic force
 - (c) contact force
 - (d) gravitational force
3. Which of the following is an example of a non-contact force?
- (a) The force exerted by us to lift a bucket

- (b) push a stationary car
- (c) The force exerted by magnets
- (d) Force due to friction

4. Opening the door is an example of which type of force?

- (a) contact force
- (b) spring force
- (c) non-contact force
- (d) magnetic force

5. Name the force used in removing iron scrap from a heap of mixed scrap.

- (a) Magnetic Force
- (b) Electrostatic force
- (c) Gravitational force
- (d) Friction Force

6. The pressure on an object _____ with the increase in altitude from earth surface

- (a) Increase
- (b) decrease
- (c) same
- (d) None

Fill in the blanks

- a. An example of a non-contact force is _____.
- b. The pressure exerted by air around us is known as _____.
- c. SI unit of force is _____.
- d. Application of force can change the _____ or _____ of an object.
- e. Force exerted by our muscles is called _____ force.
- f. Direction of force of friction is always _____ to the direction of motion.
- g. Force per unit area is called _____.
- h. The force exerted by a charged body on another charged or uncharged body is known as _____
- i. Force has _____ as well as _____
