PACE # 02 FORCE AND PRESSURE PHYSICS

1. Give two examples from daily life where magnetic forces are used.

Ans.

.....

2. The moon moves about the earth by which force.

Ans.

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3. In 1969, Buzz Aldrin was one of the first men to walk on the moon. On the moon Aldrin weighed six times less than on earth. What does this tell you about the force of gravity on the moon ?

Ans.

.....

4. When the comb is rubbed on dry hair, it acquires an electric charge because of which it can exert a force. This force is called .....

5. An electrically charged body can attract or repel other objects due to .....

6. Which of the following is not a type of force ?

(A) Muscular (B) Magnetic (C) Chemical (D) Pulling a bucket of water from a well [ ]

7. Which of the following is a non contact force

(A) Muscular (B) Electrostatic attraction

(C) Elastic force (D) Friction force [ ]

8. The speed of a falling body increases continuously. This is because

(A) No force acts on it

(B) It is very light

(C) Air exerts a frictional force along the direction of motion

(D) The earth attracts it [ ]

9. A book remains at rest on a table. It is so because of

(A) No force acts on it

(B) Friction between the book and the surface of table

(C) Force exerted by book on the table, is same as the force exerted by the table on the book

(D) All of these [ ]

10. A coin flicked across a table will stop because

(A) It is heavy (B) No force is acting on it

(C) Earth attracts the coin (D) Table exerted a frictional force [ ]