

Practice worksheet for class 8

Chapter 11 Force and Pressure

Q.1.) Fill in the blanks.

1. The force acting on an unit area of a surface is called pressure.
2. Force on an object may change its shape.
3. The strength of a force is expressed by its magnitude.
4. Liquid and gases exert pressure on the walls of containers.
5. push or pull on an object is called force.

Q.2.) True or false.

1. A force may bring a change instead of motion of an object.

Answer:- True

2. Muscular force is also called contact force.

Answer:-True

3. Force on an object what does not change its shape.

Answer:-False

Q.3) Define the following.

1. Define muscular force.

Answer:-The force resulting due to the action of muscles is known as muscular force.

2. Define magnitude.

Answer:- The strength of a force is usually expressed by its magnitude.

3. Define friction.

Answer:- The force responsible for changing the state of motion of objects in all these examples is the force of friction.

Q.4) Answer the following.

1. What is electrostatic force?

Answer:-The force exerted by a charged body on another charged or uncharged body is known as electrostatic force.

2. Define force of gravity and explain gravitational force

Answer:-Force of gravity :-Objects or things fall towards the earth because it pulls them this force is called force of gravity.

Gravitational force:-Every object in the universe whether small or large exerts a force on every object this force is known as gravitational force.

3. Explain pressure.

The force acting on an unit area of a surface is called pressure.

4. What is atmospheric pressure?

Answer:- the atmospheric air extends upto many kilometres above the surface of the earth the pressure exerted by this air is known as atmospheric pressure.

Regards,

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