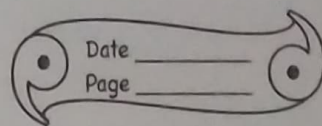


HW  
29/07/21



## Exercise

B) Short/long questions answers

01) Name the term used for the push or pull.

Ans) Force is the term used for the push or pull.

02) Give one example each of <sup>a</sup> force as

i) a push - opening a door.

ii) a pull - closing a door.

iii) a stretch - stretching a elastic rubber.

iv) a squeeze - squeezing a lemon.

03) Explain the meaning of the term force.

Force is the term used for push, pull, stretch or squeeze. Force can be applied to any object. Therefore we can say force is a cause which tends to result in the movement of a body.

04) What effect can a force have on a stationary body?

When a force is applied to a stationary body, it begins to move. And a change is then observed.

## Extra Questions

01) Define Force.

Force is something which when applied to a body the object begins to be push or pull and stretch or squeeze.

02) Give an example of force as push or pull.

Example of force as push or pull.

Push: Opening a door.

Pull: moving a cart roller.

03) Explain force as stretch with the help of an example.

When a force is applied ~~applied~~ as stretch ~~or squeeze~~, it can cause an object to change its shape or size.

Example: When a rubber string is stretched, its length increases.

04) Describe the different effects of force with examples.

The different effects of force are:

- A force can move a body - car move when it is being pushed.
- A force can stop a moving object - car stops when brake is applied.

- Force can increase the speed of a moving object - bicycle's speed increases when the force is applied to pedal it.
- A force can stop a moving object - a shuttlecock stops when ~~the~~ it is hit by racquet.
- Force can change the direction of a moving object - the football changes its direction when is hit again.
- Force ~~is~~ can change the shape ~~or~~ size of the body - The shape and size changes ~~when~~ of a clay dough when it is rolled.