

Extra Questions

Q1. Define force?

ans:- Force is a kind of push or pull applied on an object to move.

Q2. Give an example of force as push and pull?

ans:- Example of force as push:-

i) To open a door, we usually push it.

Example of force as pull:-

i) A rickshawman ~~pull~~ pulls on the rickshaw to move it.

Q3. Explain force as stretch with the help of an example?

ans:- On stretching a spring, it elongates.

Q4. Describe the different effects of force with appropriate example?

ans:- i) A force can move a body originally at rest. For ex:- A car is originally at rest ~~but~~ but when pushed, it begins to move.

ii) A force can stop a moving object. For ex:- A moving bicycle, bus, car, or train is stopped when applying the brakes.

iii) A force can make a moving body to move faster. For ex:- The speed of a bicycle increases, when more force is applied on the pedal by the cyclist.

Exercise - I

Q1. Name

Q1. Name the term used for the push or pull?

ans:- Force is the name of the term used for push or pull.

Q2. Give one example each of force as i) a push ii) a pull iii) a stretch iv) a squeeze?

ans:- i) Example of a push - To open a door, we push it.

- ii) Example of a pull - A rickshaw man pulls on the rickshaw to move it.
- iii) Example of a stretch - On stretching a spring, it elongates.
- iv) ~~An~~ Example of a squeeze - If an inflated balloon is squeezed, its shape changes.

Q3. Explain the term force?

ans:- Force is a push or pull which can change the state of rest or motion of the body or can change the size and shape of the body.

Q4. What effect can a force have on a stationary object?

ans:- When a force is applied on a stationary object it begins to move. So, a change in the state of motion is observed.