

① What are the effects of force?

The effects of force are:-

- It can stop the body originally at rest.
- It can stop a moving body.
- It can make a moving body to move faster.
- It can slow a moving body.
- It can change the direction of motion of a moving body.
- It can change shape/size of a body.

② Define Contact and non-contact forces?

Contact forces - The force which acts on bodies by making a contact is called contact force. Ex - Muscular, Frictional, Force of Tension, etc.

Non-Contact forces - Forces which act on bodies without making any contact with them is called non-contact forces. Ex - Gravitational, Electrostatic, Magnetic force.

③ Define force of friction?

The force which opposes the relative motion between 2 surfaces in contact with each other is called as force of friction.

(4) What are the disadvantages of friction?

Disadvantages of friction:-

- Because of friction opposing the motion of a body more force is needed for moving a body.
- Friction cause wear and tear.
- Friction Produce heat