

① What are the effects of force?

Ans Effects of force are:

- * force can move a body.
- * force can stop any ~~body~~ moving body.
- * It can make a body move faster.
- * It can slow down a moving body.
- * It can change the direction of motion of a moving body.
- * force can change shape or size of a body.

② Define contact and non-contact force.

Ans The forces which acts on a body by making an actual contact, is called contact force. Forces which act on bodies with no contact with them are called non-contact forces.

③ Define force of friction.

Ans Friction opposes the relative motion ~~of~~ between two surfaces by making contact with each other.

Q) What are the ~~advantages~~ and disadvantages of friction?

A) Disadvantages of Friction are:

- * It produces heat.
- * It causes wear and tear in the moving parts.
- * As the friction opposes ~~the~~ motion, so it decreases the efficiency.