

Physics (H. W.)

Ch-3 EM Force

Q. What are the effects of force?

Ans. The effects of force are:

- A force can ~~no~~ move a body originally at rest.
- A force can stop a moving body.
- A force can ~~make~~ a moving body.
- A force can slow down a moving body.
- A force can change the direction of ~~no~~ motion of a moving body.
- A force can change the shape or size of ~~a~~ a body.

Q. Define force of friction. contact and ~~not~~ non contact force.

Ans. The force which act on bodies by making ~~and~~ an actual contact, is called contact force. And. And The force which acts on bodies with no contact of forces or forces from a distance is called Non-contact force.

Q. Define force of friction.

Ans Friction is the force that opposes the relative motion between the surfaces in contact with each other.

Q. What are the disadvantages of friction?

Ans Disadvantages of friction?

- i) Friction opposes the motion of a body, so it decreases the efficiency.
- ii) Friction causes wear and tear in the moving parts.
- iii) Friction produces heat.

