

FORCE

Q. What are the effects of force?

ans. The effects of force are:-

- i) It changes the direction of motion of a moving body.
- ii) Force can move a body originally at rest.
- iii) A force can stop a moving body.
- iv) It can change the size and shape of a body.
- v) It can slow down a moving body.
- vi) It allows the body to move faster.

Q. Define contact and non-contact force.

ans. Contact force - The force which acts on ~~diff~~ bodies by making an actual contact is called contact force. Ex - Muscular force, frictional force, tension force.

Non-contact force - The force which act on bodies with no contact with them is called non-contact force. Ex - gravitational force, Magnetic force.

Q. Define force of friction.

ans. Friction is the force which opposes the relative motion between the two surfaces that are in contact with each other.

Q. What are the disadvantages of friction?

ans- Disadvantages of friction are:-

- i) Friction produces heat which damages the moving part of the body.
- ii) Friction causes wear and tear.
- iii) A lot of energy is wasted due to friction to overcome it before moving.

PDF Created Using



Camera Scanner

Easily Scan documents & Generate PDF



<https://play.google.com/store/apps/details?id=photo.pdf maker>