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1. What are the effects of force?

Ans- The effects of force are-

i) A force can move a body originally at rest.

ii) A force can stop a moving body.

iii) A force can make a moving body to move faster.

iv) A force can slow down a moving body.

v) Force can change the direction of motion of a moving body.

vi) Force can change the shape or size of body.

3. Define contact force and non contact force.

Ans- Contact force :- The force which acts on bodies by making an actual contact, it is called Contact force.

Non-Contact forces :- Forces which act on bodies with no contact with them are called non-contact forces or forces from a distance.

3. Define force of friction.

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

4. What are the disadvantages of friction?

Ans- The disadvantages of friction are :

a) Friction opposes motion and reduces efficiency.

b) Friction produces heat and c) Friction causes wear & tear.