

1) What are the effects of force?

- Ans) a) Force as pull  
b) Force as push  
c) Force as stretch  
d) Force as squeeze

2) Define contact and non-contact Force.

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

Non-contact force: Forces which act on bodies with no contact with them are called non-contact forces.

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)
- Opposes motion, hence more energy is needed to overcome friction.
  - Noise production in machines is irritating as well as leads to energy loss.