

HW
22/09/21

Ch-3 Force

1) What are the effects of force?

Ans The effects of force are:-

- i) It can move an object.
- ii) It can stop a moving object.
- iii) It can increase the speed of the object.
- iv) It can decrease the speed of the object.
- v) It can change the direction of a moving object.
- vi) It can change the shape of the object.

2) Define contact force and non-contact force that

Ans The force on two bodies that acts when two bodies are in contact. This force is called contact force.

The force on two bodies that acts when that two bodies are not in contact. This force is called non-contact force.

3) Define force of friction.

Ans The force that acts on the opposite direction of the moving direction is called force of friction.

4) What are the disadvantages of force of friction?

Ans The disadvantages of force of friction are :-

- i) It opposes the moving body, which decreases the efficiency.
- ii) It causes wear and tear to the moving parts.
- iii) It produces heat.