

# HOMEWORK

## Ch - Force

Date - 28.9.2021

### Questions

Q- What are the effects of Force?

Q- Define contact and non-contact force.

Q- Define force of friction.

Q- What are the disadvantages of friction.

### Answers

Q- Ans - The effects of

force are;

- changes the shape of an object
- changes the direction of a moving object
- It can stop a moving body.
- Can move a body originally at rest.
- make an object slow or make it faster.

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

Non-contact force - Force that acts on bodies with no contacts with them are called non-contact forces.

Q - Ans - Force of Friction is a force that acts when two bodies rubbed against each other's surfaces.

Q - Ans - • Friction opposes the motion of a body so it decreases the efficiency (i.e. more force is needed to move a body).

• Friction causes wear and tear in the moving parts.

• Friction Produces

heat.



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