

1. Match the column.

- | | |
|-------------|-----------------------------------|
| a) Force | i) contact force |
| b) Pressure | ii) measure of gravity on object. |
| c) Friction | iii) Force per unit area |
| d) Gravity | iv) Push or Pull |
| e) Weight | v) action at a distance force. |

2. Fill in the blanks.

- i) ----- is required to move things.
- ii) ----- can stop a moving object.
- iii) Moving object has its own force due to its -----.
- iv) Gravitational force is a ----- force.
- v) To draw water from a well, we have to ----- the rope.

3. A force of 35 N acts over an area of 7 m^2 calculate pressure.

4. Give three examples of non contact force.

5. State the type of force acting in the following.

a) Lifting a school bag -----.

b) Bullocks ploughing the field -----.

c) Attraction of paper bits toward a comb -----.

d) Stopping a goal by goalkeeper -----.

e) Repulsion of opposite charges -----.