

1. What is the S.I. unit of force ?
2. What is the C.G.S. unit of force ?
3. Convert one dyne in to a Newton.
4. Define force.
5. In pushing or pulling at least \_\_\_\_\_ object are involved.
6. If no force act on a body it will \_\_\_\_\_
7. Weight is the force with which the \_\_\_\_\_ pulls a body towards its centre.
8. The brakes of all the automobiles work only because of \_\_\_\_\_
9. 1 kg weight = \_\_\_\_\_ N.
10. A book lying on the table can not be moved unless it is \_\_\_\_\_ by some external force.
11. Match the following :

## Column-A

- (A) A child running to catch the school bus.
- (B) A man blowing a balloon.
- (C) A woman pushing a table
- (D) A cricketer catching a ball
- (E) A girl pulling on the leash of a running dog.
- (F) A driver turning the steering wheel of a car.

## Column-B

- (p) Force can make a stationary object move.
- (q) Force can stop a moving object.
- (r) Force can change the shape of an object
- (s) force can make an object move faster.
- (t) Force can change the direction of an moving object.
- (u) Force can make an object go slower

12. What effect is produced in each case :

- (i) A boy kicks a stationary football lying on the ground.
- (ii) A child pushes a moving swing in the park, on which her friend is seated.
- (iii) A rubber band is stretched.
- (iv) A cricketer hits a ball which has been bowled to him.
- (v) A moving ball hits a window pane and smashes the glass.