

SLIP TEST-1(2)
CHAPTER-1 : FORCE

Name:..... Section:..... Roll No:..... Max.Marks:20

I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M

- 1) Distinguish between contact and field forces. Explain.
- 2) A brick is placed on an inclined plane. Draw the FBD to show all forces acting on it.

II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M

- 3) Give two examples in which applied force causes a change in the shape of an object.
- 4) Find the net force from the following diagram.



III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M

- 5) Why do tools used for cutting always have sharp edges ?
- 6) Define force.

IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M

- 7) A charged body an uncharged body towards it. []
 A. Attracts B. Repels C. Attracts/repels D. None of these
- 8) To move a loaded trolley , we have to it . []
 A. Pull B. Push C. Pull / Push D. None of these
- 9) The north pole of a magnet the north pole of another magnet. []
 A. Attracts B. Repels C. Attracts/Repels D. Does not effect
- 10) The rubbed balloon attracts small paper pieces. This is force. []
 A. Field force B. Electro static force
 C. Muscular force D. Magnetic force
- 11) Units of pressure []
 A. N/m^2 B. N C. dyne D. $Kg.m/s^2$
- 12) The force acting on an unit area of a surface is called []
 A. Power B. Pressure C. Density D. Energy