

P.S.M PUBLIC SCHOOL

CLASS-VIII SUBJECT-SCIENCE

REVISION WORKSHEET

CHAPTER - 8

Ques 1. Fill in the blanks -

1. The SI unit of force is \_\_\_\_\_
2. Pressure is defined as \_\_\_\_\_ per unit
3. Atmospheric pressure decreases with \_\_\_\_\_
4. Hydraulic car jack is based on \_\_\_\_\_ law.

Ques 2. Define the following terms -

1. Force
2. Pressure
3. Resultant Force
4. Atmospheric pressure

Ques 3. Answer in one word -

1. S.I unit of pressure \_\_\_\_\_
2. Instrument used to measure atmospheric pressure at any place. \_\_\_\_\_
3. Standard unit of force \_\_\_\_\_
4. Force that acts from a distance and pulls an object of iron \_\_\_\_\_

Ques 4. Two boys pull a rope from the two ends with a force equal to 100 N each. What is the resultant force?



Ques.5 A force of 30N acts normally on a body having area of cross section  $10\text{cm}^2$ . Calculate the pressure exerted by the body.

Ques.6. A girl weighing 50kg is standing on pencil heels, each having an area of cross section  $1\text{cm}^2$ . Calculate the pressure.