

WORKSHEET BASED ON MODULE-4

1. Define thrust and pressure.
2. 1. Find the greatest and least pressure which a metal block of size 5cmx 10cmx15cm can exert if the mass of block is 50 kg.
3. Differentiate between thrust and pressure.
4. Give the SI unit of Thrust.
5. A wooden cuboid has a mass of 8kg. The length, breadth and height of this wooden cuboid are 100cm, 50cm and 20 cm respectively. Find the pressure on the floors on which this block is kept.
6. Calculate the pressure exerted by a cube of the side 6cm and mass 2dg kept on a table.
7. Why do needles and pins have tip?
8. Give any two application of pressure.
9. Define the buoyancy.
10. Give the unit of pressure other than Newton/meter sq.