Practice Paper

Class VIII

Force and Pressure

1. S.I unit of pressure is \_\_\_\_\_\_\_\_\_\_\_\_.
2. The amount or the strength of force is called its\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Pressure in solid depends upon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_.
4. Pressure in liquids depends upon \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Force generated by moving of non living materials is called \_\_\_\_\_\_\_\_\_\_\_\_.
6. Give 2 examples of contact forces.
7. Name the scientist who invented a pump to extract air from a vessel.
8. Name the force which acts upon another body without any connector.
9. Name the type of force involved in the following.

a) To pick your school bag.

b) To collect scrap iron from garbage.

c) To push or pull a loaded trolley ay supermarket.

d) Flying of seeds away from each other in plastic bag when gently rubbed.

1. Name the device used to measure pressure in fluids.
2. A rolling ball stops after sometime due to (gravitational / Frictional force).
3. When 2 forces are applied at the same point but in opposite directions the net force is equal to the (sum/ difference) of forces acting separately.
4. Force used to stretch the spring is (muscular force/ magnetic force)
5. Application of force brings the change in

a) shape and size of object

b) speed and direction of object

c) position of object

d) all the above