

VIII SCIENCE Unit -2 Forces and pressure

CHOOSE THE CORRECT ANSWER

1. Force is that which changes or tends to change
 - (a) The state of rest
 - (b) the state of uniform motion
 - (c) The shape of the body
 - (d) The state of rest, uniform motion and shape

2. If the area of contact increases, the effect of force will
 - (a) Decreases
 - (b) increases
 - (c) remain same
 - (d) none of the above

3. Atmospheric pressure can be measured using the device called
 - (a) Barometer
 - (b) voltmeter
 - (c) Thermometer
 - (d) ammeter

4. The barometer was invented by
 - (a) Torricelli
 - (b) Newton
 - (c) pascal
 - (d) Kelvin

5. Liquids exert the ----- pressure in all directions at a given depth.
 - (a) High
 - (b) low
 - (c) same
 - (d) various

6. The automobile brake system works according to
 - (a) Newton's
 - (b) ohm's law
 - (c) coulomb's law
 - (d) pascal's law

7. Friction ----- motion
 - (a) Increase
 - (b) causes
 - (c) produces
 - (d) opposes

8. An upward force exerted by a liquid on floating body is
 - (a) Force
 - (b) Thrust
 - (c) buoyant force
 - (d) pressure

9. A substance, which reduces the frictional force, is called a -----
 - (a) Conductor
 - (b) insulator
 - (c) metal
 - (d) lubricant

10. N S m^{-2} is the unit for

(a)Viscosity (b) surface tension (c) buoyant force (d) pressure