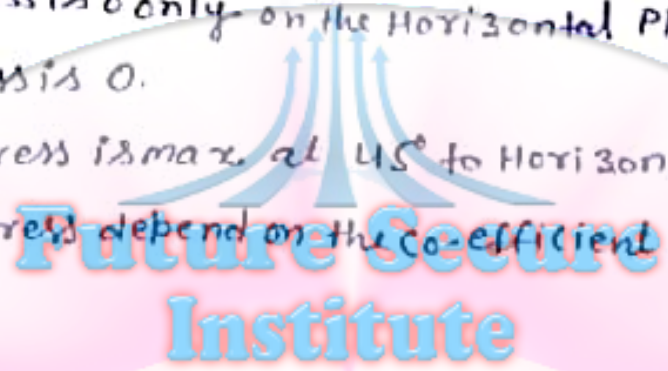


2. Pressure and its measurement

1. In a static fluid (SSCJE-07)
- a) resistance to shear stress is small b) fluid pressure is zero
c) linear deformation is small d) only - normal stress can exist.
2. Gauge Pressure is. (SSCJE-07)
- a) abs Pr + atm Pr b) abs Pr - atm Pr c) atm Pr - abs Pr d) None
3. The Height of water column corresponding to a pressure equivalent of 60 cm of mercury column will be. (UKO-08)
- a) 816 cm b) 8160 cm c) 81.6 cm d) 7996.0 cm
4. Which is correct. (Raj-JE-16) + (UPJE-16)
- a) Gauge Pr = Abs Pr + atm Pr b) abs Pr = atm Pr + Gauge Pr
c) atm Pr = abs Pr + Gauge Pr d) Abs Pr = Gauge Pr + atm Pr
5. According to Hydrostatic law, the ratio of Increase of Pressure in a vertical dirⁿ is equal to. (UPRVUNLJE-14) + SSC " "
- a) density of Fluid b) specific weight of Fluid c) weight of Fluid
d) mass of the Fluid
6. Pascal's Law state that Pressure at a point is equal in all dirⁿ. (SSCJE-11)
- a) In a liquid rest b) inside a solid c) in a laminar flow d) All.
7. A Piezometer tube is used only for measuring (UP-JE-16) + (SJVN AE-13)
- a) low Pr b) High Pr c) moderate Pr d) vacuum Pr.
8. value for atm Pr is. (MP-16)
- a) 1.013 Bar b) 760 mm of Hg c) 10.3 m of water d) All
9. The Pressure measured in a piezometer tube is determined by (MP-16)
- a) N/mm² b) N/m² c) Head of liquid d) N/cm²

1-d 3-a 5-b 7-c 9-c.
2-b 4-b 6-a 8-d

10. A micro manometer with inclined tube is called as (SSC JE-15)
 a) inverted manometer b) sensitive manometer c) closed tube manometer
 d) differential manometer.
11. In manometer a better liquid combination is one having. (SSC JE-15)
 a) low viscosity b) high viscosity c) high surface tension
 d) lower surface tension
12. A manometer is used for (SSC JE-15)
 a) volume b) pressure c) temperature d) discharge
13. For a fluid at rest. (UP JE-15)
 a) The shear stress is 0 only on the horizontal plane
 b) The shear stress is 0.
 c) The shear stress is max. at 45° to horizontal
 d) The shear stress depend on the co-efficient of viscosity.



your future begins here....

10-b 12-b
 11-d 13-b