

## Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	The device used for measurement of liquid flow is.	A. Manometer B. Barometer C. Hydrometer D. Venturimeter
2	The term in Bernoulli's equation has the same unit as	A. Work B. Volume C. Pressure D. Force
3	The dimension of $\rho gh$ has same as that of	A. Work B. Energy C. Pressure D. Mass
4	The dimensional of potential energy per unit volume are same as that of.	A. Work B. Pressure C. Speed D. Density
5	Bunsen burner works on the principle of.	A. Venturi effect B. Terricilli's effect C. Bernoulli's effect D. None of these
6	Pressure of fluid will be low where speed of fluid is.	A. Low B. Zero C. High D. Constant
7	1 torr in $\text{Nm}^{-2}$ is expressed as.	A. 130.5 $\text{Nm}^{-2}$ B. 133.3 $\text{N m}^{-2}$ C. 140.2 $\text{Nm}^{-2}$ D. 135.2 $\text{Nm}^{-2}$
8	The law of conservation of energy is the basis of.	A. Stream line flow B. Equation of continuity C. Bernoulli's equation D. Venture relation
9	Let $A$ = Area of cross section of pipe, $v$ = speed of fluid, then ' $Av$ ' is called.	A. Volume flow rate B. Energy flow rate C. Mass flow rate D. Pressure flow rate
10	The ratio of the velocities of water in a pipe lying horizontally at two ends is 1 : 4 The ratio of diameters of pipe at these two ends is.	A. 1 : 2 B. 2 : 1 C. 1 : 4 D. 4 : 1
11	When water falls from tap, its cross sectional area decrease due to.	A. Decrease of speed B. Increase of speed C. Air pressure D. Gravity increase
12	The fluid is said to be incompressible, if its density is.	A. Zero B. Very high C. Constant D. Very small
13	If the stream lines of fluid are forced closer together then.	A. Speed of the fluid increases B. Speed of the fluid decreases C. Pressure of the fluid increases D. Speed of the fluid remain same
14	The SI units of flow rate are.	A. $\text{m}^2\text{s}^{-1}$ B. $\text{m}^3\text{s}^{-2}$ C. $\text{m}^3\text{s}^{-1}$ D. $\text{m}^2\text{s}^{-2}$
15	A fog droplets are in freely falling condition,. the ratio of their radii is 2:3, the ratio of their terminal velocities will be.	A. 2:3 B. 4:6 C. 4:9 D. 9:4

16	The word Fluid means	A. To rise B. To fall C. To flow D. To oppose
17	When body acquires terminal velocity then its acceleration 'a' becomes.	A. $a = 0$ B. $a = g$ C. $a > 0$ D. $a < 0$