

## Physics ICS Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Pressure will be low where speed of fluid is.	<p>A. <b>High</b></p> <p>B. Low</p> <p>C. Constant</p> <p>D. Zero</p>
2	An ideal flow of any fluid must satisfy.	<p>A. <b>Pascal law</b></p> <p>B. <b>Bernoulli's principle</b></p> <p>C. <b>Continuity equation only</b></p> <p>D. <b>Both a and C</b></p>
3	When weight and drag force become equal then velocity of the body is.	<p>A. <b>Minimum velocity</b></p> <p>B. <b>Terminal velocity</b></p> <p>C. <b>Variable velocity</b></p> <p>D. <b>All of above</b></p>
4	Value of stress beyond which body is permanently deformed is called.	<p>A. <b>Yield stress</b></p> <p>B. <b>Maximum stress</b></p> <p>C. <b>Minimum stress</b></p> <p>D. <b>Shear stress</b></p>
5	The pressure of liquid is high where its speed is.	<p>A. <b>low</b></p> <p>B. <b>High</b></p> <p>C. <b>Constant</b></p> <p>D. <b>Infinite</b></p>
6	The SI Unit of modulus of elasticity is.	<p>A. <b>Coulomb</b></p> <p>B. <b>Pascal</b></p> <p>C. <b>Ampere</b></p> <p>D. <b>None of these</b></p>
7	If the radius of droplet becomes half, then its terminal velocity will be.	<p>A. <b>Half</b></p> <p>B. <b>Double</b></p> <p>C. <b>One fourth</b></p> <p>D. <b>Four times</b></p>
8	The strain due to tensile stress is	<p>A. <b>Compressive strain</b></p> <p>B. <b>Shear strain</b></p> <p>C. <b>Tensile strain</b></p> <p>D. <b>Volumetric strain</b></p>
9	Which of the following is a crystalline solid	<p>A. <b>NaCl</b></p> <p>B. <b>Copper</b></p> <p>C. <b>zirconia</b></p> <p>D. <b>All of these</b></p>
10	The unsteady flow of fluid is called.	<p>A. <b>Turbulent</b></p> <p>B. <b>Fast</b></p> <p>C. <b>Regular</b></p> <p>D. <b>Streamline</b></p>
11	An incompressible fluid having no viscosity is called.	<p>A. <b>Viscous</b></p> <p>B. <b>Ideal Fluid</b></p> <p>C. <b>Real</b></p> <p>D. <b>Non-Viscous</b></p>
12	The product of cross sectional area of the pipe and the fluid speed at any point is.	<p>A. <b>Negative</b></p> <p>B. <b>Zero</b></p> <p>C. <b>Constant</b></p> <p>D. <b>Variable</b></p>
13	A chimney works best when it is.	<p>A. <b>Tall</b></p> <p>B. <b>Wide</b></p> <p>C. <b>Short</b></p> <p>D. <b>Narrow</b></p>

14	Which of the following is polymer solid W	<p>A. Wood</p> <p>B. Glass</p> <p>C. Sodium Chloride</p> <p>S</p> <p>D. Copper</p> <p>C</p>
15	The lift force experienced by an aeroplane wings is primarily due to.	<p>A. Viscosity of air</p> <p>B. Density of air</p> <p>C. Pressure difference above and below the wing</p> <p>D. Gravitational force</p>
16	Law of conservation of energy is on the basis of.	<p>A. Bernoulli's theorem</p> <p>B. Venturi relation</p> <p>C. Stokes law</p> <p>D. Equation of continuity</p>
17	The ratio of stress to volumetric strain is called	<p>A. Shear Modulus</p> <p>B. Bulk Modulus</p> <p>C. Young's Modulus</p> <p>D. Modulus of elasticity</p>
18	Which liquid can flow easily	<p>A. Ether</p> <p>B. Tar</p> <p>C. Honey</p> <p>D. All flow with same rate</p>
19	Fog droplet fall downwards with terminal velocity its acceleration will	<p>A. Less than <math>g</math></p> <p>B. Greater than <math>g</math></p> <p>C. Equal to <math>g</math></p> <p>D. Equal to zero</p>
20	If a stone is submerged in water and it weighs less in water than in air, this phenomenon is due to.	<p>A. The reduction of mass in water</p> <p>B. Increase of density in water</p> <p>C. Buoyant force action upwards</p> <p>D. The gravitational force acting upwards</p>