

Physics ICS Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	The pressure will be how when speed of fluid is.	<p>A. High</p> <p>B. Zero</p> <p>C. Low</p> <p>D. Constant</p>
2	A 10 m high tank is full of water. A hole appear a its middle the speed will be.	<p>A. 5 m/sec</p> <p>B. 9.9 m/sec</p> <p>C. 9.8 m/sec</p> <p>D. 5.11 m/sec</p>
3	If the radius of droplete becomes half, then ints terminal vlocity will be.	<p>A. Half</p> <p>B. Double</p> <p>C. One fourth</p> <p>D. Four time</p>
4	Value of stress beyond which body is permanently deformed is called.	<p>A. Yield stress</p> <p>B. Maximum stress</p> <p>C. Minimum stress</p> <p>D. Shear stress</p>
5	Which of the following is a defining characteristic of a superfluid.	<p>A. Zero Viscosity</p> <p>B. Infinite density</p> <p>C. Zero temperature</p> <p>D. Infinite thermal conductivity</p>
6	When sttess is increaed beyond elastic limti and material is permenetly changed this property is.	<p>A. Elasticity</p> <p>B. Permanent stress</p> <p>C. Yield strength</p> <p>D. Plasticity</p>
7	Which of the following is a crystalline solid	<p>A. NaCl</p> <p>B. Copper</p> <p>C. zirconia</p> <p>D. All of these</p>
8	The deformation of body is the change in its.	<p>A. Shape</p> <p>B. Length</p> <p>C. Area</p> <p>D. All of these</p>
9	If a stone is submerged in water and it weight 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 spward</p>
10	Which of the following is polymeric solid.	<p>A. Plastic</p> <p>B. Nylon</p> <p>C. Polythene</p> <p>D. All of these</p>
11	The unsteady flow of fluid is called.	<p>A. Turbulent</p> <p>B. Fast</p> <p>C. Regular</p> <p>D. Streamline</p>
12	Law of conservtio of energy is on the basis of.	<p>A. Bernoulli's theorem</p> <p>B. Venture relation</p> <p>C. Stoke's law</p> <p>D. Equation of continuity</p>
13	A person standing near a fast movng train can fall	<p>A. Remains stationary</p> <p>B. No Effect</p> <p>C. Away from train</p> <p>D. Towards train</p>
		<p>A. Tall</p>

14	A chimney works best when it is.	<p>B. Wide</p> <p>C. Short</p> <p>D. Narrow</p>
15	An ideal flow of any fluid must satisfy.	<p>A. Pascal law</p> <p>B. Bernoulli's principle</p> <p>C. Continuity equation only</p> <p>D. Both a and C</p>
16	When weight and drag force become equal then velocity of the body is.	<p>A. Minimum velocity</p> <p>B. Terminal velocity</p> <p>C. Variable velocity</p> <p>D. All of above</p>
17	The strain due to tensile stress is	<p>A. Compressive strain</p> <p>B. Shear strain</p> <p>C. Tensile strain</p> <p>D. Volumetric strain</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	Which of the following is more elastic w	<p>A. Rubber</p> <p>B. Wood</p> <p>C. Steel</p> <p>D. Sponge</p>
20	The effect of decrease in pressure with increase in speed of fluid is.	<p>A. Torricelli effect</p> <p>B. Venturi effect</p> <p>C. Photoelectric effect</p> <p>D. Bernoulli's effect</p>