

## Physics ICS Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	The unsteady flow of fluid is called.	<p>A. <input type="checkbox"/> Turbulent</p> <p>B. <input checked="" type="checkbox"/> Fast</p> <p>C. <input type="checkbox"/> Regular</p> <p>D. <input type="checkbox"/> Streamline</p>
2	When stress is increased beyond elastic limit and material is permanently changed this property is.	<p>A. <input type="checkbox"/> Elasticity</p> <p>B. <input checked="" type="checkbox"/> Permanent stress</p> <p>C. <input type="checkbox"/> Yield strength</p> <p>D. <input type="checkbox"/> Plasticity</p>
3	The stress changes the length of a body it is called.	<p>A. <input checked="" type="checkbox"/> Tensile Strain</p> <p>B. <input type="checkbox"/> Shear stress</p> <p>C. <input type="checkbox"/> Compressive stress</p> <p>D. <input type="checkbox"/> Yield stress</p>
4	A person standing near a fast moving train can fall	<p>A. <input type="checkbox"/> Remains stationary</p> <p>B. <input type="checkbox"/> No Effect</p> <p>C. <input type="checkbox"/> Away from train</p> <p>D. <input checked="" type="checkbox"/> Towards train</p>
5	The force required to slide one layer over another layer of liquid is measured by	<p>A. <input type="checkbox"/> Velocity</p> <p>B. <input checked="" type="checkbox"/> Viscosity</p> <p>C. <input type="checkbox"/> Acceleration</p> <p>D. <input type="checkbox"/> Momentum</p>
6	The SI Unit of modulus of elasticity is.	<p>A. <input type="checkbox"/> Coulomb</p> <p>B. <input type="checkbox"/> Pascal</p> <p>C. <input type="checkbox"/> Ampere</p> <p>D. <input checked="" type="checkbox"/> None of these</p>
7	Value of stress beyond which body is permanently deformed is called.	<p>A. <input type="checkbox"/> Yield stress</p> <p>B. <input type="checkbox"/> Maximum stress</p> <p>C. <input checked="" type="checkbox"/> Minimum stress</p> <p>D. <input type="checkbox"/> Shear stress</p>
8	Streamline flow is also called.	<p>A. <input type="checkbox"/> Normal</p> <p>B. <input checked="" type="checkbox"/> Turbulent</p> <p>C. <input type="checkbox"/> Laminar</p> <p>D. <input type="checkbox"/> Ideal</p>
9	A solid in which there is no regular arrangement of molecules is called.	<p>A. <input type="checkbox"/> Crystalline</p> <p>B. <input checked="" type="checkbox"/> Amorphous</p> <p>C. <input type="checkbox"/> Copper</p> <p>D. <input type="checkbox"/> None of these</p>
10	The effect of decrease in pressure with increase in speed of fluid is.	<p>A. <input checked="" type="checkbox"/> Torricelli effect</p> <p>B. <input type="checkbox"/> Venturi effect</p> <p>C. <input type="checkbox"/> Photoelectric effect</p> <p>D. <input type="checkbox"/> Bernoulli's effect</p>
11	The pressure exerted by a column of mercury 76 cm high and at 0°C is called	<p>A. <input type="checkbox"/> 1 atm</p> <p>B. <input checked="" type="checkbox"/> 1.013 × 10<sup>5</sup> Pa</p> <p>C. <input type="checkbox"/> 1 Pascal</p> <p>D. <input type="checkbox"/> 1 cm-Hg</p>
12	Which of the following is more elastic	<p>A. <input type="checkbox"/> Rubber</p> <p>B. <input type="checkbox"/> Wood</p> <p>C. <input checked="" type="checkbox"/> Steel</p> <p>D. <input type="checkbox"/> Sponge</p>
13	The fundamental equation in fluid dynamics that relates to pressure, speed and height is.	<p>A. <input checked="" type="checkbox"/> Bernoulli's equation</p> <p>B. <input type="checkbox"/> Continuity equation</p> <p>C. <input type="checkbox"/> Energy equation</p> <p>D. <input type="checkbox"/> Force equation</p>

14	When stress changes the shape then it is called.	<p>A. Shear stress</p> <p>B. Tensile stress</p> <p>C. Compressive stress</p> <p>D. Volumetric stress</p>
15	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>
16	Fog droplet fall down 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>
17	A chimney works best when it is.	<p>A. Tall</p> <p>B. Wide</p> <p>C. Short</p> <p>D. Narrow</p>
18	In medical field, a venturi mask used to deliver a known oxygen concentration to patients operates is based on.	<p>A. Newton's third law</p> <p>B. Archimedes principle</p> <p>C. Pascal's law</p> <p>D. Bernoulli's thermal conductivity</p>
19	The S.I Unit of Modulus of elasticity is.	<p>A. Coulomb</p> <p>B. Pascal</p> <p>C. Ampere</p> <p>D. None of these</p>
20	The effect of decrease of pressure with the increase in speed of a fluid in horizontal pipe is	<p>A. Torricelli's effect</p> <p>B. Bernoulli's Effect</p> <p>C. Venturi's effect</p> <p>D. Doppler's effect</p>