

Physics ICS Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	A person standing near a fast moving train can fall	<p>A. Remains stationary</p> <p>B. No Effect</p> <p>C. Away from train</p> <p>D. Towards train</p>
2	The unsteady flow of fluid is called.	<p>A. Turbulent</p> <p>B. Fast</p> <p>C. Regular</p> <p>D. Streamline</p>
3	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>
4	In drag force increase as the speed of object	<p>A. Increase</p> <p>B. Decrease</p> <p>C. Has no effect</p> <p>D. Moderate</p>
5	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>
6	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>
7	The force required to slide one layer over another layer of liquid is measured by	<p>A. Velocity</p> <p>B. Viscosity</p> <p>C. Acceleration</p> <p>D. Momentum</p>
8	A solid in which atoms are in a regular order is called.	<p>A. Crystalline solid</p> <p>B. Amorphous solid</p> <p>C. Polymeric solid</p> <p>D. Glassy solid</p>
9	The substance which undergoes plastic deformation until break is.	<p>A. Ductile</p> <p>B. Hard</p> <p>C. Soft</p> <p>D. Brittle</p>
10	An incompressible fluid having no viscosity is called.	<p>A. Viscous</p> <p>B. Ideal Fluid</p> <p>C. Real</p> <p>D. Non-Viscous</p>
11	The SI Unit of modulus of elasticity is.	<p>A. Coulomb</p> <p>B. Pascal</p> <p>C. Ampere</p> <p>D. None of these</p>
12	The Stokes law holds for.	<p>A. Motion is free space</p> <p>B. Motion in viscous medium</p> <p>C. Motion on horizontal surface</p> <p>D. Motion of all type</p>

13	Law of conservtio of energy is on the basis of.	<p>A. Bernoulli's theorem</p> <p>B. Ventur relation</p> <p>C. Stoke's law</p> <p>D. Equation of continuity</p>
14	The pressure of liquid is high where its peed is.	<p>A. low</p> <p>B. High</p> <p>C. Constant</p> <p>D. Infinite</p>
15	Pressure will be low where speed of fluid is.	<p>A. High</p> <p>B. Low</p> <p>C. Constant</p> <p>D. Zero</p>
16	An object moving in a fluid experience a retarding force called	<p>A. Drag force</p> <p>B. Gravitational force</p> <p>C. Horizontal force</p> <p>D. Centripetal force</p>
17	In medical field, a venture mask used to deliver a known oxygen concetation to patients operates is based on.	<p>A. Newton's thrid law</p> <p>B. Archimedes principle</p> <p>C. Pascal's law</p> <p>D. Beronoulli's thermal conductivity</p>
18	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. Ventur's effect</p> <p>D. Doppler's effect</p>
19	The pressrue exerted by a column of mercury 76 cm high and at 0 C ⁰ is called T	<p>A. 1 atm</p> <p>B. 1 Nm⁻³</p> <p>C. 1 Pascal</p> <p>D. 1 cm⁻²</p>
20	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>