

Physics Fsc Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	When stress is increased beyond elastic limit and material is permanently changed this property is.	A. Elasticity B. Permanent stress C. Yield strength D. Plasticity
2	The viscosity of the gas with increase in temperature	A. Increase B. Decrease C. Remain same D. Sometimes increases and sometimes decrease
3	In drag force increase as the speed of object	A. Increase B. Decrease C. Has no effect D. Moderate
4	When weight and drag force become equal then velocity of the body is.	A. Minimum velocity B. Terminal velocity C. Variable velocity D. All of above
5	Venturimeter is used to measure.	A. Volume of fluid B. Mass of fluid C. Speed of fluid D. Pressure fluid
6	Which of the following is a defining characteristic of a superfluid.	A. Zero Viscosity B. Infinite density C. Zero temperature D. Infinite thermal conductivity
7	The maximum stress that a body can tolerate is called.	A. UTS B. Permanent stress C. Elastic strength D. Plastic stress
8	When stress changes the shape then it is called.	A. Shear stress B. Tensile stress C. Compressive stress D. Volumetric stress
9	An object moving in a fluid experiences a retarding force called	A. Drag force B. Gravitational force C. Horizontal force D. Centripetal force
10	The viscosity of liquid with rise in temperature.	A. Increases B. Decreases C. Remain same D. Moderate
11	Speed of fluid flow is measured by	A. Sphygmomanometer B. Barometer C. Hydrometer D. Venturi Meter
12	A solid in which there is no regular arrangement of molecules is called.	A. Crystalline B. Amorphous C. Copper D. None of these
13	The substance which undergoes plastic deformation until break is.	A. Ductile B. Hard C. Soft D. Brittle
14	If the radius of droplet becomes half, then its terminal velocity will be.	A. Half B. Double C. One fourth D. Four times
15	Value of stress beyond which body is permanently deformed is called.	A. Yield stress B. Maximum stress C. Minimum stress

		D. Shear stress
16	The pressure exerted by a column of mercury 76 cm high and at 0°C is called T	A. 1 atm B. 1 Nm^{-3} C. 1 Pascal D. 1 cm^{-2}
17	As per law of fluid friction for steady streamline flow, the friction.	A. $\text{Varies proportionally to velocity of fluid}$ B. $\text{Varies inversely proportional to pressure}$ C. $\text{Does not depend on pressure}$ D. $\text{First increase then decreases}$
18	The S.I Unit of Modulus of elasticity is.	A. Coulomb B. Pascal C. Ampere D. None of these
19	An incompressible fluid having no viscosity is called.	A. Viscous B. Ideal Fluid C. Real D. Non-Viscous
20	The lift force experienced by an aeroplane wings is primarily due to.	A. Viscosity of air B. Density of air C. $\text{Pressure difference above and below the wing}$ D. $\text{Gravitational force}$