PPSC Physics Topic 2 Structural Properties of Matter

Sr	Questions	Answers Choice
1	The word fluid means	A. To rise B. To fall C. To flow D. To oppose
2	The nib of fountain pan is split of convey ink down the nib by the phenomenon of.	A. Adhesion B. Cohesion C. Osmosis D. Capillary
3	Solids have	A. Fixed shape only B. Fixed volume only C. Fixed shape and volume D. No fixed shape and volume
4	At high altitudes, the blood flows out of nose and ear because.	A. Blood pressure increase at high altitudes B. Percentage of oxygen in the air increase C. Atmospheric pressure decreases there D. Density of blood decreases of high altitudes
5	Viscosity will be maximum when	A. Water is at 20 ^oC B. Honey is at 20 ^oC C. Water is at 100 ^oC D. Milk is at 100 ^oC
6	The force that moves a rocket or a plane forward is called.	A. Lift B. drag C. Thrust D. Turbulence
7	The rate of which blood is delivered to the patient in a transfusion depends on	A. Hight of the blood level in the suspended container B. Volume of the container C. Shape of the container D. Material of the container
8	An alternation produced in shape length or volume when a body is subjected to some external force is.	A. Deformation B. Polymerization C. Crystallization D. Elasticity
9	The ratio of stress to strain is called.	A. Bulk modulus B. Young's modulus C. Modulus of elasticity D. Shear modulus
10	A hydrometer floats to a particular level in sea water in fresh water it.	A. Floats lower B. Sinks completely C. Floats higher D. Floats at the same level
11	The viscosity of an ideal fluid is	A. Infinity B. Unity C. Zero D. 0.5
12	A fluid is said to be ideal if it is	A. Non viscous B. Non viscous and incompressible C. Non viscous and with steady flow D. Non viscous incompressible and has steady flow
13	Bernouli's equation includes as a special case of.	A. Hook's law B. Torricelli's therorem C. Third law of motion D. Archimedes principle
14	Venturimeter is a device used to measure	A. Density of a fluid B. Speed of a fluid C. Pressure of a fluid

		D. Viscosity of a fluid
15	The extension produced in a sample of material depends upon	A. Nature of the material B. Stretching force C. Cross range order D. All of the above
16	If a liquid does not wet a solid surface, the angle of contact is.	A. Less than 90^o B. Greeter than 180 ^o C. 90 ^o D. Between 90 ^o and 180^o
17	Viscosity in fluid refers to	A. The density of a fluid B. the compressibility of a fluid C. Tangential force exerted on solid surface by the flowing fluid D. Normal forces exerted on solid surace by the following fluid
18	Which of the substances is the lightest one.	A. Copper B. Mercury C. Aluminium D. Lead
19	The product of velocity and cross sectional are for a liquid flowing through a pipe is a measure of the.	A. Rate of flow B. Volume of fluid C. Fluid pressure D. Fluid friction
20	The venturimeter is an instrument used for measuring the	A. Viscosity of a liquid B. Flow speed of a liquid C. Compressibility of a fluid D. Specific gravity of a liquid