

PPSC Physics Chapter 2 Structural Properties of Matter

C-	Questions	Answers Choice
Sr	Questions	
1	How much would be the volume of ice formed by freezing 1 litre of water.	A. 1.0 litre B. 1.09 litre C. 1.90 litre D. 2.0 litre
2	A cube with sides 2 cm long is made from a material of density 8 g cm -3 What is the density of the block is.	A. 0.2 g cm-3 B. 0.5 g cm-2 C. 2 g cm-3 D. 5 g cm-3
3	Fluid mechanics is the study of how fluid move and the other ting involved is	A. Energy B. Velocity C. Forces D. Position
4	Birds planes and boats are streamlined to reduce	A. Turbulence B. Thrust C. Drag D. Lift
5	If a body retains completely its altered shape and size, it is said to be	A. Perfecto elasticity B. Perfect plasticity C. Elasticity D. elastic limit
6	The ratio of stress to strain is called.	A. Bulk modulus B. Young's modulus C. Modulus of elasticity D. Shear modulus
7	Gases have	A. Fixed shape B. Fixed volume C. Fixed shape and volume D. No fixed shape and volume
8	A solid in which there is no regular arrangement of molecules.	A. Amorphous solids B. Glassy solids C. Crystalline solids D. Polymerization
9	The air plane lift is based on	A. Archimedes principle B. Law of conservation of momentum C. Bernoulli's principle D. Law of conservation of energy
10	Which principle is in effect when a ship displaces ocean water.	A. Bernouli's B. Pascal's C. Hook's D. Archimedes
11	Molecules of a liquid	A. Do not vibrate about their mean position B. Are rigidly held with each other C. Have weak attractive forces D. Have strong attractive forces
12	When the deforming force applied on a body produces change in length then it is said to be	A. Tensile stress B. compression stress C. Shear stress D. Shear modulus
13	Blood is	A. A compressible fluid B. an incompressible fluid C. Non viscous fluid D. Not a fluid
14	The SI unit of modulus of elasticity us	A. N m-2 B. N m-1 C. N m D. N m -3
15	A tin film of liquid is enclosed between two glass plates it is difficult to spates the plates on account of.	A. Surface tension B. Atmospheric pressure C. Viscosity

		D. Friction
16	Rate of flow of a liquid is expressed in	A. Litre m-3 B. Litre s-1 C. Litre m-1 D. Litre s
17	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
18	The ratio of tensile stress to tensile strain is called.	A. Shear modulus B. Bulk modolus C. Young's modulus D. Elastic limit
19	Density of blood a	A. Equal to water B. Greater than water C. Less than water D. zero
20	An instrument which can float in the liquid to be tested and by means of which the specific gravity of the liquid may be determined is.	A. Hydrometer B. Barometer C. Siphon D. Lactometer