

PPSC Physics Chapter 2 Structural Properties of Matter

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Sr	Questions	Answers Choice
1	Permanent change in shape or size of a solid body without fracture resulting from the application of strained stress beyond the elastic limit is called.	A. Elastic limit B. Plastic limit C. elastic deformation D. Plastic deformation
2	A boat loving at constant speed 'v' through still water experiences a total frictional drag F what is the power developed by the boat.	A. 1/2 Fv B. Fv C. 1/2 Fv2 D. Fv2
3	The dimensions of strain are.	A. [MLT-2] B. [ML-1T-2] C. [ML-2T-3] D. It is a dimensionless quantity
4	Which of the following is more viscous	A. Air B. Honey C. Water D. Milk
5	In which one of the following states molecules do net leavt their position.	A. Solid B. Liquid C. Gas D. Plasma
6	a cube with sides 2 cm long is made from a material of density 8 g cm-3 What is the mass of the code	A. 4 g B. 16 g C. 32 g D. 64 g
7	A solid object is	A. Not elastic below the elastic limit B. Not elastic above the elastic lime C. Elastic below the elastic limit D. Not elastic at all
8	Viscosity of fluids with rise in temperature.	A. Increases B. Decreases C. Remains constant D. Vanishes
9	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
10	Which of the substances is the lightest one.	A. Copper B. Mercury C. Aluminium D. Lead
11	Density of blood a	A. Equal to water B. Greater than water C. Less than water D. zero
12	Liquids with disordered structure frozen in are an example of	A. Amorphous solids B. Glassy solids C. Crystalline solids D. Polymeric molecules
13	Any alternations product in shape length of volume where a body is subjected to some external force is called	A. Deformation B. Polymerization C. Crystallization D. Elasticity
14	When the deforming force applied on a body produces change in shape, thenit is said t be	A. Tensile stress B. Compression stress C. Shear stress D. Shear modulus
15	Which of the following solids exhibits only short range order.	A. Amorphous solids B. Polymeric solids C. Crystalline solids D. All of the above

16	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
17	The air plane lift is based on	A. Archimedes principle B. Law of conservation of momentur C. Bernoulli's principle D. Law of conservation of energy
18	Blood pressure of a person	A. Increases with age B. Describe with age C. Have no change D. Stops with age
19	The property of a material to return to it original shape and size on the removal of an external force is called.	A. Stress B. Strain C. Toughness D. Elasticity
20	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