

PPSC Physics Chapter 2 Structural Properties of Matter

Sr	Questions	Answers Choice
1	the ratio of applied stress to volumetric strain is called.	A. shear modulus B. Bulk modulus C. Young's modulus D. elastic limit
2	The ratio of stress to strain is called.	A. Bulk modulus B. Young's modulus C. Modulus of elasticity D. Shear modulus
3	A solid object is	A. Not elastic below the elastic limit B. Not elastic above the elastic limit C. Elastic below the elastic limit D. Not elastic at all
4	A structure that is intermediate between order and disorder is.	A. glassy solids B. Polymeric solids C. Amorphous solids D. Crystalline solids
5	Liquids with disordered structure frozen in are an example of	A. Amorphous solids B. Glassy solids C. Crystalline solids D. Polymeric molecules
6	A solid in which there is no regular arrangement of molecules.	A. Amorphous solids B. Glassy solids C. Crystalline solids D. Polymerization
7	Crystalline solids are of.	A. Short range order B. Long range order C. Intermediate range D. Plastics
8	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
9	An alteration produced in shape length or volume when a body is subjected to some external force is.	A. Deformation B. Polymerization C. Crystallization D. Elasticity
10	Which of the following is mechanical property of a material.	A. Strength B. Stiffness C. Ductility D. All of these
11	The proportion of crystalline to amorphous regions in a polymer depends on its	A. Chemical composition B. Molecular arrangement C. Physical state D. Chemical composition and molecular arrangement
12	Artificial polymers are made by a chemicals reaction known as.	A. Crystallization B. Electroplating C. Polymerization D. Polarization
13	Which of the following solids exhibits only short range order.	A. Amorphous solids B. Polymeric solids C. Crystalline solids D. All of the above
14	The word amorphous means	A. With regular structure B. Without structure C. May have regular structure D. Thermoplastics
15	Which type of solid have definite melting point.	A. Crystalline solids B. Amorphous solids C. Glassy solids D. None of these

16	Amorphous solids are also called.	A. Crystalline solids B. Glassy solids C. Polymeric solids D. Polymers
17	Plasma exists in	A. Electric bulbs B. Tube light C. Energy savers D. Fluorescent tubes
18	Highly conducting state of matter is	A. Conductors B. Plasma C. Semiconductors D. Insulators
19	Gases have	A. Fixed shape B. Fixed volume C. Fixed shape and volume D. No fixed shape and volume
20	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