

MDCAT Physics Chapter 13 Deformation of Solids MCQ's Test

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Sr	Questions	Answers Choice
1	The magnetism produced by electrons within an atom from motion/motions of electron.	A. One motion B. Two motions C. Three motions D. None of these
2	The reciprocal of bulk modulus is called:	A. Shear modulus B. Elasticity C. Young's modulus D. Compressibility
3	Substances which undergo plastic deformation until they break are called:	A. Ductile B. Brittle C. Malleable D. Soft E. Hard
4	The modulus of rigidity of a liquid is	A. Zero B. 1 C. Infinite D. None of these
5	Crystal lattice is a repetition of	A. Atoms B. Molecules C. Unit cell D. All of them
6	Question Image	
7	Such substance which break soon after crossing the elastic limit is called	A. Weak substance B. Ductile substance C. Brittle substance D. Organic substance
8	The each atom of pure Ge or Si shares neighboring electrons are	A. Three B. Four C. Five D. None of these
9	When a stress changes the volume, it is called the	A. compressional stress B. tensile stress C. shear stress D. any one of them
10	The maintaining the elastic limits of any body, the relation stress to strains is called	A. Hooke's law B. Pascal's law C. Young's law D. None of them
11	The fractional change in volume per unit increase is pressure in called:	A. Pressure coefficient B. Volume coefficient C. Bulk modulus D. Compressibitlity
12	Two wires of the same material have diameters in the ration 2 : 1 if they are stretched by the same force their elongations will be in the ratio	A. 8:1 B. 1:8 C. 2:1 D. 1:4
13	Amorphous solids are more like	A. crystalline solids B. polymeric solids C. glassy solids D. any one of them
14	The valence energy band may be either	A. Completely filled B. Partially filled C. a and b D. All of them
15	If a wire is stretched to double of its length then the strain will be	A. 1 B. 0.5 C. 2 D. 0
		A. 50

16	Bulk modulus for copper is	B. 75 C. 140 D. 147
17	The examples of diamagnetic substances	A. Water B. Copper C. Antimony D. All of them
18	After curie temperature iron is	A. Ferromgnetic B. Diamagnetic C. Paramagnetic D. None
19	Which one of the material is not polymer	A. Glass B. Natural rubber C. Polyethene D. Polystyrene
20	When small number of atoms from some other suitable element is added to the semi- conductor material, then this process is known as	A. impurification B. adding C. doping D. extrinsivity