

MDCAT Physics Chapter 13 Deformation of Solids MCQ's Test

Sr	Questions	Answers Choice
1	In a semi-conductor material, current flows due to	A. positive charge B. negative charge C. both of them D. none of them
2	Polymers are the physical combinations of carbon with:	A. Oxygen only B. Hydrogen C. Nitrogen D. All of these E. None of these
3	Shear modulus for copper is	A. 20 B. 27 C. 44 D. 43
4	The whole structure obtained by the repetition of unit cell is known as	A. Unit cell B. Crystal lattice C. Ore D. All of these
5	The charged nucleus of an atom itself spins its magnetic field is	A. Equal to the field produced by orbital electrons B. Greater than the field produced by orbital electrons C. Much weaker than the field produced by orbital electrons D. Very strong
6	Which of the following is not dimension less	A. Poission ration B. Sharing strain C. Longitudinal strain D. Volume stress
7	The dimension of elastic modulus	A. ML ⁻¹ T ² B. MLT ² C. ML ⁻¹ T ² D. MLT ³
8	Molecules of a solid possess:	A. Translation motionB. Vibration motionC. Rotation motionD. Linear motion
9	For obtaining appreciable extension,the wire should be:	A. Short and thin B. Long and thin C. Short and tick D. Long and thick
10	On heating, glass gradually softens into a paste-like state before it becomes a very viscous liquid at almost	A. 600 °C B. 7600 °C C. 800 °C D. 900 °C c. 800 °C
11	Examples of polymers are	A. Polythene B. Polystyrene C. Nylon D. All of them
12	The SI unit of stress is some as that of:	A. Pressure B. Momentum C. Impulse D. Change momentum E. Force
40	-	A. Crystal lattice B. Amorphous solid

13	I he whole structure obtained by the repetition of unit cells is called:	C. Polymeric solid D. Polystrene E. None of these
14	A valance band in solids is	A. Always completely filledB. EmptyC. Either completely or partially filledD. None
15	The substances in which, atom are so oriented that their field support each other and the atoms behave like tiny magnets, are called	A. diamagnetic substances B. ferromagnetic substances C. paramagnetic substances D. all of them
16	Which of the material is brittle?	A. Steel B. Low carbon steel C. High carbon steel D. None of these
17	Magnetic permeability is maximum for	A. Dia-magnetic B. Ferromagnetic C. Paramagnetic D. Non-magnetic
18	Inspite vibrations the force which hold the atoms in their ordered form is	A. Vander vall force B. Cohesive force C. Adhesive force D. None of these
19	Young's modulus for water is	A. 0 B. 2 C. 5 D. 9
20	The symbol K and G have been used to denote respectively:	A. Young's modulus and bulk modulus B. Young's modulus and shear modulus C. Bulk modulus and shear modulus D. Any of these E. None of these