

## MDCAT Physics Chapter 13 Deformation of Solids MCQ's Test

Sr	Questions	Answers Choice
1	Shear modulus for water is	A. - 4.7 B. - 3.3 C. - 1.2 D. 0
2	A current which demagnetize the material completely is called	A. Applied current B. Coercive current C. Maximum current D. None of these
3	Molecules of a solid possess:	A. Translation motion B. Vibration motion C. Rotation motion D. Linear motion
4	Young's modulus for concrete is	A. 10 B. 15 C. 25 D. 30
5	Which of the following has no dimension	A. Stress B. Strain C. Elastic modulus D. Both strain and elastic modulus
6	The doped semi-conductors materials are known as	A. intrinsic semi-conductor B. extrinsic semi-conductor C. either of them D. none of them
7	The band full of electrons, which do not play any part in the conduction process is known as	A. Conduction band B. Forbidden energy band C. Valence band D. Completely filled band
8	The stress which increase the length in one dimension only is called	A. length stress B. only have compressive stress C. Have both tensile and compression stress D. None of them
9	The polymeric solids have specific gravity compared with even the lightest of metals	A. Low B. Very Low C. Slightly low D. None of these
10	The examples of diamagnetic substances	A. Water B. Copper C. Antimony D. All of them
11	The shape of crystals other than a cube have	A. Right angles B. Not right angles C. Not corners D. None of these
12	After curie temperature iron is	A. Ferromagnetic B. Diamagnetic C. Paramagnetic D. None
13	In semiconductor Si or Ge a missing electron in covalent bond from an atom is a	A. Charged atom B. Hole C. Ion D. All of them
14	The whole structure obtained by the repetition of unit cells is called:	A. Crystal lattice B. Amorphous solid C. Polymeric solid D. Polystrene E. None of these
15	Substances which undergo plastic deformation until they break. are known as	A. brittle substances B. ductile substances

		C. plastic substances D. neither of them
16	Young's modulus for diamond is	A. 700 B. 913 C. 1100 D. 1120
17	A material most suitable to make the permanent magnet are	A. High retentivity B. Large coercive current C. Small domain friction D. a and b
18	The cores of electromagnets used for alternating currents where the specimen repeatedly undergoes magnetization and demagnetization should have	A. broad hysteresis curves B. narrow hysteresis curves C. any one of the them D. none of them
19	In super conductors, once the current is established it exists	A. 1 day B. 30 days C. indefinitely D. None of these
20	The young's modulus of a wire of length L and radius r is Y if the length is reduced to L/2 and radius to r/2 its young's modulus wire be	A. $Y/2$ B. Y C. $2Y$ D. $4Y$