MDCAT Physics Chapter 13 Deformation of Solids MCQ's Test

Sr	Questions	Answers Choice
1	The bonding between the semi-conductor materials is	A. covalent B. ionic C. either of them D. none of them
2	Ratio between total intensity of magnetic field at equator to poles is	A. 1 : 1 B. 2 : 1 C. 1 : 2 D. 1 : 4
3	The materials in which there are plenty of free electrons for electrical conduction are known as	A. conductors B. insulators C. semi-conductors D. all of them
4	Examples of brittle substances are	A. Glass B. Copper C. Lead D. None of these
5	The smallest three dimensional basic structure in a crystalline solid is called	A. lattice point B. crystal lattice C. cubic crystal D. unit cell
6	When an atom is isolated, it energy levels are	A. Distinct B. Very close C. Very very close D. None of these
7	Which of the modulus of elasticity is involved in compressing a rod to decrease its length?	A. Young's modulus B. Bulk modulus C. Modulus of rigidity D. None of the above
8	Bulk modulus for mercury is	A. 27 B. 29 C. 29.4 D. 30
9	The curie temperature for iron is	A. 750°C B. 570°C C. 750°k D. 57°K
10	The ratio of linear stress/linear strain is called as	A. Young's modulus B. Bulk modulus C. Shear modulus D. Modulus
11	For obtaining appreciable extension,the wire should be:	A. Short and thin B. Long and thin C. Short and tick D. Long and thick
12	Unit cell has a basic structure of	A. One dimensional B. Two dimensional C. Three dimensional D. None of these
13	The theory which explains the vast diversity in an electrical behaviour of all types the materials is	A. Free electron theory B. Band theory C. Theory based as chemical properties D. None of these
14	In the hysteresis loop, when the current is reduced to zero, the material	A. does not retain magnetism B. retains not retain magnetism C. retains strong magnetism D. none of them
15	The solids which have structure in between order and disorder are called	A. amorphous solids B. polymeric solids C. crystalline solids

		D. all of them
16	Iron, cobalt and nickle are examples of	A. diamagnetic substances B. ferromagnetic substances C. paramagnetic substances D. all of them
17	Stress change the shape, volume or length of a body due to the	A. Applied force B. External force C. Force D. Force on unit area
18	Shear modulus for lead is	A. 1.7 B. 4.9 C. 5.6 D. 6.2
19	The ratio of linear stress/linear strain is called	A. Yong's modulus B. Bulk modulus C. shear modulus D. modulus
20	A wire breaks of stretched by more than 3mm. It is cut into equal parts. Then each part can be stretched with out-breaking by	A. 0.75 mm B. 1.5 mm C. 3.0 mm D. 6.0 mm