Physics ICS Part 2 Chapter 17 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one pair belongs to acceptor impurity.	A. Aresincl, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium
2	Which of the following has least hysteresis loop area.	A. Steel B. Wrought Iron C. Soft Iron D. Cobalt
3	There is regular arrangement of molecules in:	A. Amorphous solids B. Crystalline solids C. Both a and b D. None of above
4	Example of ductile substance is.	A. Glass B. Wood C. Lead D. Oxygen
5	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
6	Which one of the following is polymeric solids	A. Glass B. Nylon C. Copper D. Zinc
7	If both the length and radius of the rod are doubled, then the modulus of elasticity will:	A. Increase B. Decrease C. Remains the same D. Doubled
8	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
9	Curie temperature is a point where :	A. Diamagnetism changes to paramagnetism B. Paramagnetism changes to Diamagnetism C. Ferromagnetism changes to paramagnetism D. Paramagnetism changes to Ferromagnetism
10	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 elasticity D. None of these
11	Semiconductors have conductivity of order:	A. 10⁻⁸ to 10⁻⁶ (Ωm)⁻¹ B. 10⁻⁶ to 10⁻⁴ (Ωm)⁻¹ C. 10² to 10⁵ (Ωm)⁻¹ D. 10⁻⁵ to 10⁻⁷ (Ωm)⁻¹
12	The critical temperature of mercury is.	A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K
13	Conductors have conductivities of order:	A. 10³(Ωm)-1 B. 10⁷(Ωm)⁻¹ C. 10⁷Ωm⁻¹ D. 10⁻⁶Ω

14	Shear modulus is expressed as:	A. G = tanθ/F/A B. F/A/tanθ C. F/tanθ D. tanθ/A
15	Which one of the following is ductile substance.	A. Copper B. Lead C. Wrought iron D. All of them
16	Insulators have:	A. An empty conduction band B. Al full valence band C. A large energy gap D. All of above
17	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7
18	The temperature at which, semiconductor behaves as insulators:	A. 10k B. 0k C. 237k D. None of above
19	The dimension of stress is	A. [MLT⁻¹] B. [ML⁻¹T] C. [ML⁻¹T⁻¹] D. [ML⁻¹T⁻²]
20	Out of the following which material is brittle.	A. Wrought iron B. Copper C. Tungsten D. High steel carbon