Physics ICS Part 2 Chapter 17 Online MCQ's Test

Sr	Questions	Answers Choice
1	The first superconductor was discovered in:	A. 1831 B. 1911 C. 1921 D. 1876
2	Soft magnetic material is	A. Sodium B. Steel C. Iron D. Copper
3	Which one of the following is ductile substance.	A. Copper B. Lead C. Wrought iron D. All of them
4	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
5	Which type of impurity is to be added to a pure semi conductor crystal to provide holes.	A. Monovalent B. Trivalent C. Tetravalent D. Pentavalent
6	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
7	The crystalline structure of NaCl is.	A. Cubical B. Hexagonal C. Tri gonal D. Tetragonal
8	The most suitable metal for making permanent magnet is.	A. Iron B. Aluminium C. Steel D. Copper
9	At 0 K a piece of silicon is a	A. Conductor B. Semi-conductor C. Insulator D. All
10	Which one of the following is crystalline solid.	A. Zirconia B. Glassy solid C. Natural rubber D. Poly strene
11	Coercive force is used to	A. Demagnetize the material B. Magnetize the material C. Extend it D. None of these
12	Yield stress is another name of	A. Plasticity B. Proportional limit C. Elastic limit D. Both (b) and (c)
13	Which one of the following is polymeric solids	A. Glass B. Nylon C. Copper D. Zinc
14	Example of ductile substance is.	A. Glass B. Wood

14	Example of ductile substance is:	C. Lead D. Oxygen
15	Conductors have conductivities of order:	A. 10³(Ωm)-1 B. 10⁷(Ωm)⁻¹ C. 10⁷Ωm⁻¹ D. 10⁻⁶Ω
16	Shear modulus is expressed as:	A. G = tanθ/F/A B. F/A/tanθ C. F/tanθ D. tanθ/A
17	The critical temperature of mercury is.	A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K
18	The temperature at which, semiconductor behaves as insulators:	A. 10k B. 0k C. 237k D. None of above
19	A cable breaks if stretched by more than 2mm. It is cut into two equal parts. How much either part can be stretched without breaking?	A. 25 m B. 1mm C. 2mm D. 0.5 m
20	The ratio of applies stress to volumetric strain is called:	A. Young modulus B. Shear modulus C. Bulk modulus D. Tensile modulus