

Physics ICS Part 2 Chapter 17 Online MCQ's Test

Sr	Questions	Answers Choice
1	Energy band theory is based upon	A. Hund's Rule B. Heisenberg uncertainty principle C. Bohr's atomic Model D. Wave mechanical model
2	Which one of the following is ductile substance.	A. Copper B. Lead C. Wrought iron D. All of them
3	Which one pair belongs to acceptor impurity.	A. Aresincl, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium
4	The ability of a body to return to its original shape is called.	A. Strain B. Stress C. Elasticity D. Plasticity
5	A material which is insulator at 0 K and conduct at room temperature is.	A. Silver B. Lead C. Germanium D. Polythene
6	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
7	Coercive force is used to	A. Demagnetize the material B. Magnetize the material C. Extend it D. None of these
8	Those materials whose resistivity becomes zero at certain temperature is called:	A. Semiconductor B. Super conductor C. Conductor D. Insulator
9	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7
10	Substance which break just after the elastic limit is reached are called as.	A. Ductile substances B. Hard substances C. Britto substances D. Soft substances
11	Semiconductors have conductivity of order:	A. 10 ⁻⁸ to 10 ⁻⁶ (Ωm) ⁻¹ B. 10 ⁻⁶ to 10 ⁻⁴ (Ωm) ⁻¹ C. 10 ² to 10 ⁻¹ D. 10 ⁻¹ to 10 ⁻¹ to 10 ⁻¹ (Ωm) ⁻¹ D. 10 ⁻¹ D. 10 ⁻¹ To
12	The most suitable metal for making permanent magnet is.	A. Iron B. Aluminium C. Steel D. Copper
13	The substance which atom cooperates with each other in such a way so as to exhibit a strong magnetic field is called.	A. Ferromagnetic B. Paramagnetic C. Diamagnetic D. Non magnetic
14	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium

15	Domains are existed in	A. Ferromagnetic materials B. Paramagnetic materials C. Semi conductors D. Diamagnetic materials
16	Recentally a complex crystalline structure known as yttrium barium copper oxide (Yba $_2$ Cu $_3$ O $_3$) have reported to become super conductor at	A. 163 K B. 169 K C. 200 K D. 100 K
17	Soft magnetic material is	A. Sodium B. Steel C. Iron D. Copper
18	In 'N' type material, the minority charge carriers are.	A. Free electrons B. Holes C. Protons D. Mesons
19	The temperature at which, semiconductor behaves as insulators:	A. 10k B. 0k C. 237k D. None of above
20	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these