

Physics ICS Part 2 Chapter 17 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	The number of crystal system are	A. Three B. Five C. Seven D. Fifteen
3	In extrinsic semiconductors doping is of the order of.	A. 1 atom to 10^{4-6} B. 1 atom to 10^{6-8} C. 1 atom to 10^{8-10} D. 1 atom to 10^{3-4}
4	Conductors have conductivities of order:	A. $10^{3-7}(\Omega m)^{-1}$ B. $10^{7-17}(\Omega m)^{-1}$ C. $10^{7-17}(\Omega m)^{-1}$ D. $10^{-6-17}(\Omega m)^{-1}$
5	Out of the following which material is brittle.	A. Wrought iron B. Copper C. Tungsten D. High steel carbon
6	A pentavalent impurity in Si	A. a free electron and a free hole B. a free hole C. a free electron D. No free particle
7	Energy band theory is based upon	A. Hund's Rule B. Heisenberg uncertainty principle C. Bohr's atomic Model D. Wave mechanical model
8	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
9	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
10	To get N-Type the Ge is doped with	A. Aluminium B. Arsenic C. Boron D. Indium
11	The material whose resistivity becomes zero below a certain temperature	A. Conductors B. Semi conductors C. Super conductors D. Insulators
12	substance which undergo plastic deformation until they break are known as.	A. Brittle substances B. Ductile substance C. Non magnetic substance D. Magnetic substance
13	Donor impurities are	A. Germanium, silicon B. Indium, gallium C. Antimony, arsenic D. Diamond, carbon
14	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
15	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium

		D. Indium
16	Soft magnetic material is	A. Sodium B. Steel C. Iron D. Copper
17	The SI unit of Stress is:	A. Nm B. Nm^2 C. Nm^{-2} D. Nm^3
18	Which one of the following is ductile substance.	A. Copper B. Lead C. Wrought iron D. All of them
19	Insulators have:	A. An empty conduction band B. A full valence band C. A large energy gap D. All of above
20	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7