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	A pentaralent impurity in Si	A. a free electron and a free hole B. a free hole C. a free electron D. No free particle
3	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
4	Energy band theory is based upon	A. Hund's Rule B. Heisenberg uncertainty principle C. Bohr's atomic Model D. Wave mechanical model
5	Recentaly 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
6	The ratio of applies stress to volumetric strain is called:	A. Young modulus B. Shear modulus C. Bulk modulus D. Tensile modulus
7	Yield stress is another name of	A. Plasticity B. Proportional limit C. Elastic limit D. Both (b) and (c)
8	The dimension of stress is	A. [MLT⁻¹] B. [ML⁻¹T] C. [ML⁻¹T⁻¹] D. [ML⁻¹T⁻²]
9	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
10	The critical temperature of Aluminum is.	A. 3.72 K B. 1.18 K C. 7.2 K D. 8.2 K
11	Young's modulus for water's is	A. Zero B. 1 C. 2 D. 3
12	A semiconductor in its extremely pure form is known as:	A. Intrinsic B. Extrinsic C. Both a and b D. None of above
13	In 'N' type material, the minority charge carriers are.	A. Free electrons B. Holes C. Protons D. Mesons
14	Domains are existed in	A. Ferromagnetic materials B. Paramagnetic materials C. Semi conductors D. Diamagnetic materials
15	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
16	Which of the following does not undergo plastic deformation.	A. Copper B. Wrought iron C. Head D. Glass
17	Donor impurities are	A. Germanium, silicon B. Indium, galium C. Antimony, arsenic D. Diamond, carbon
18	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
19	The crystalline structure of NaCl is.	A. Cubical B. Hexagonal C. Tri gonal D. Tetragonal
20	Example of ductile substance is.	A. Glass B. Wood C. Lead D. Oxygen