

## Physics ICS Part 2 Chapter 17 Online MCQ's Test

Sr	Questions	Answers Choice
1	A solid having regular arrangement of molecules throughout its structure is called.	A. Amorphous solid B. Polymeric solid C. Crystalline solid D. Glassy solid
2	A semiconductor in its extremely pure form is known as:	A. Intrinsic B. Extrinsic C. Both a and b D. None of above
3	Example of ductile substance is.	A. Glass B. Wood C. Lead D. Oxygen
4	The ratio of applies stress to volumetric strain is called:	A. Young modulus B. Shear modulus C. Bulk modulus D. Tensile modulus
5	Yield stress is another name of	A. Plasticity B. Proportional limit C. Elastic limit D. Both (b) and (c)
6	The material whose resistivity becomes zero below a certain temperature	A. Conductors B. Semi conductors C. Super conductors D. Insulators
7	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7
8	Insulators have:	A. An empty conduction band B. A full valence band C. A large energy gap D. All of above
9	The critical temperature of mercury is.	A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K
10	There is regular arrangement of molecules in:	A. Amorphous solids B. Crystalline solids C. Both a and b D. None of above
11	Donor impurities are	A. Germanium, silicon B. Indium, gallium C. Antimony, arsenic D. Diamond, carbon
12	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
13	Curie temperature is	A. Different for chromium oxide and cobalt B. Same for chromium oxide and cobalt C. Same for iron and cobalt D. None of these
14	Semiconductors have conductivity of order:	A. $10^{-8}$ to $10^{-6}$ ( $\Omega m$ ) <sup>-1</sup> B. $10^{-6}$ to $10^{-4}$ ( $\Omega m$ ) <sup>-1</sup> C. $10^2$ to $10^5$ ( $\Omega m$ ) <sup>-1</sup> D. $10^{-5}$ to $10^{-7}$ ( $\Omega m$ ) <sup>-1</sup>

15	Which of the following does not undergo plastic deformation.	A. Copper B. Wrought iron C. Lead D. Glass
16	the substances in which the atoms do not form magnetic dipoles are called.	A. Diamagnetic B. Para magnetic C. Ferro magnetic D. Crystal
17	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
18	An ordinary glass gradually softness into a paste like state before it becomes a very viscous liquid which is possible at	A. 900 <sup>o</sup> C B. 600 <sup>o</sup> C C. 800 <sup>o</sup> C D. 100 <sup>o</sup> C
19	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
20	Which of the following has bulk modulus?	A. Water B. Gas C. Honey D. All