

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

Sr	Questions	Answers Choice
1	Which one of the following is polymeric solids	A. Glass B. Nylon C. Copper D. Zinc
2	The crystalline structure of NaCl is.	A. Cubical B. Hexagonal C. Tri gonol D. Tetragonal
3	The SI unit of Stress is:	A. Nm B. $\text{Nm}^2$ C. $\text{NM}^{-2}$ D. $\text{Nm}^3$
4	Shear modulus is expressed as:	A. $G = \tan\theta/F/A$ B. $F/A/\tan\theta$ C. $F/\tan\theta$ D. $\tan\theta/A$
5	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
6	The critical temperature of Aluminum is.	A. 3.72 K B. 1.18 K C. 7.2 K D. 8.2 K
7	Yield stress is another name of	A. Plasticity B. Proportional limit C. Elastic limit D. Both (b) and (c)
8	Glass and high steel carbon are example of.	A. Ductile substances B. Brittle substances C. Soft substances D. Hard substances
9	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7
10	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
11	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
12	Natural rubber is an example of:	A. Crystalline solids B. Amorphous solids C. Polymeric solids D. None of above
13	Semiconductors have conductivity of order:	A. $10^{-8}$ to $10^{-6}$ ( $\Omega\text{m}$ ) B. $10^{-6}$ to $10^{-4}$ ( $\Omega\text{m}$ ) C. $10^{-2}$ to $10^5$ ( $\Omega\text{m}$ ) D. $10^{-5}$ to $10^{-7}$ ( $\Omega\text{m}$ )
14	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above

15	An ordinary glass gradually softens into a paste like state before it becomes a very viscous liquid which is possible at	A. 900°C B. 600°C C. 800°C D. 100°C
16	A wire stretched to double of its length, its strain is:	A. 2 B. 1 C. 0 D. 0.5
17	Out of the following which material is brittle.	A. Wrought iron B. Copper C. Tungsten D. High steel carbon
18	The substance which atoms cooperate 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
19	The first superconductor was discovered in:	A. 1831 B. 1911 C. 1921 D. 1876
20	At 0 K a piece of silicon is a	A. Conductor B. Semi-conductor C. Insulator D. All