

Physics ICS Part 2 Chapter 17 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | The domain theory of magnet is important to explain the behaviour of | A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these |
| 2 | 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 |
| 3 | Insulators have: | A. An empty conduction band B. A full valence band C. A large energy gap D. All of above |
| 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 | The solids are classified as | A. Polymeric B. Amorphous C. Crystalline D. All of above |
| 6 | The critical temperature of mercury is. | A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K |
| 7 | Substance which break just after the elastic limit is reached are called as. | A. Ductile substances B. Hard substances C. Brittle substances D. Soft substances |
| 8 | Young's modulus for water's is | A. Zero B. 1 C. 2 D. 3 |
| 9 | Very weak magnetic field produced by brain can be detected by | A. MRI B. CAT scans C. Squid D. CRO |
| 10 | A wire stretched to double of its length, its strain is: | A. 2 B. 1 C. 0 D. 0.5 |
| 11 | The critical temperature of Aluminum is. | A. 3.72 K B. 1.18 K C. 7.2 K D. 8.2 K |
| 12 | Which of the following has least hysteresis loop area. | A. Steel B. Wrought Iron C. Soft Iron D. Cobalt |
| 13 | The ability of a body to return to its original shape is called. | A. Strain B. Stress C. Elasticity D. Plasticity |
| 14 | Minority carriers in P-Types , substances are. | A. Electrons B. Protons C. Holes D. Neutrons |
| 15 | To get N-Type the Ge is doped with | A. Aluminium B. Arsenic C. Boron D. Indium |

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| 16 | The substance which atom cooperates with each other in such a way so as to exhibit a strong magnetic field is called. | <p>A. Ferromagnetic</p> <p>B. Paramagnetic</p> <p>C. Diamagnetic</p> <p>D. Non magnetic</p> |
| 17 | The first superconductor was discovered in: | <p>A. 1831</p> <p>B. 1911</p> <p>C. 1921</p> <p>D. 1876</p> |
| 18 | the substances in which the atoms do not form magnetic dipoles are called. | <p>A. Diamagnetic</p> <p>B. Para magnetic</p> <p>C. Ferro magnetic</p> <p>D. Crystal</p> |
| 19 | In extrinsic semiconductors doping is of the order of. | <p>A. 1 atom to 10^{4-}</p> <p>B. 1 atom to 10^{6-}</p> <p>C. 1 atom to 10^{8-}</p> <p>D. 1 atom to 10^{3-}</p> |
| 20 | The SI unit of Stress is: | <p>A. Nm</p> <p>B. Nm^2</p> <p>C. Nm^{-2}</p> <p>D. Nm^3</p> |