

## 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<br>B. Bulk modulus<br>C. Modulus of elasticity<br>D. None of these       |
| 2  | There are different crystal systems. The number of these crystal system is.                  | A. 3<br>B. 4<br>C. 5<br>D. 7  |
| 3  | the substances in which the atoms do not form magnetic dipoles are called.                   | A. Diamagnetic<br>B. Para magnetic<br>C. Ferro magnetic<br>D. Crystal                       |
| 4  | Which one pair belongs to acceptor impurity.   | A. Aresincl, phosphorus<br>B. Boron, gallium<br>C. Arsenic, antimony<br>D. Antimony, indium |
| 5  | There is regular arrangement of molecules in:  | A. Amorphous solids<br>B. Crystalline solids<br>C. Both a and b<br>D. None of above         |
| 6  | Which one is not a crystalline solid.  | A. Zinc<br>B. Copper<br>C. Nylon<br>D. None of these  |
| 7  | The critical temperature of mercury is.  | A. 1.18 K<br>B. 4.2 K<br>C. 3.72 K<br>D. 7.2 K  |
| 8  | The conductors having the conductivity of the order of                                       |   |
| 9  | The ratio of applies stress to volumetric strain is called:                                  | A. Young modulus<br>B. Shear modulus<br>C. Bulk modulus<br>D. Tensile modulus               |
| 10 | After curie temperature.   | A. Ferromagnetic<br>B. Paramagnetic<br>C. Magnetic<br>D. Diamagnetic                        |
| 11 | A solid having regular arrangement of molecules throughout its structure is called.          | A. Amorphous solid<br>B. Polymeric solid<br>C. Crystalline solid<br>D. Glassy solid         |
| 12 | Which one of the following is polymeric solids   | A. Glass<br>B. Nylon<br>C. Copper<br>D. Zinc  |
| 13 | Out of the following which material is brittle.  | A. Wrought iron<br>B. Copper<br>C. Tungsten<br>D. High steel carbon                         |
| 14 | The ability of a body to return to its original shape is called.                             | A. Strain<br>B. Stress<br>C. Elasticity<br>D. Plasticity                                    |
| 15 | Which of the following has least hysteresis loop area.                                       | A. Steel<br>B. Wrought Iron<br>C. Soft Iron<br>D. Cobalt                                    |
| 16 | Which one of the following is crystalline solid.   | A. Zirconia<br>B. Glassy solid<br>C. Natural rubber   |

|    |  |   |
|----|--|---|
|    |  | D. Poly strene  |
| 17 | Natural rubber is an example of:               | A. Crystalline solids<br>B. Amorphous solids<br>C. Polymeric solids<br>D. None of above |
| 18 | The crystalline structure of NaCl is.          | A. Cubical<br>B. Hexagonal<br>C. Tri gonal<br>D. Tetragonal                             |
| 19 | Minority carriers in P-Types , substances are. | A. Electrons<br>B. Protons<br>C. Holes<br>D. Neutrons                                   |
| 20 | The solids are classified as                   | A. Polymeric<br>B. Amorphous<br>C. Crystalline<br>D. All of above                       |