

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

Sr	Questions	Answers Choice
1	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
2	The crystalline structure of NaCl is.	A. Cubical B. Hexagonal C. Tri gonal D. Tetragonal
3	The SI unit of Stress is:	A. Nm B. Nm <sup>2</sup> C. NM <sup>-2</sup> D. Nm <sup>3</sup>
4	In glass, molecules are irregularly arranged so it is known as.	A. Solid B. Liquid C. Solid liquid D. Gas
5	After curie temperature.	A. Ferromagnetic B. Paramagnetic C. Magnetic D. Diamagnetic
6	A solid having regular arrangement of molecules throughout its structure is called.	A. Amorphous solid B. Polymeric solid C. Crystalline solid D. Glassy solid
7	Semiconductors have conductivity of order:	A. 10 <sup>-8</sup> to 10 <sup>-6</sup> (Ωm) <sup>-1</sup> B. 10 <sup>-6</sup> to 10 <sup>-4</sup> (Ωm) <sup>-1</sup> C. 10 <sup>2</sup> to 10 <sup>-1</sup> D. 10 <sup>5</sup> to 10 <sup>-1</sup> D. 10 <sup>5</sup> to 10 <sup>-1</sup> C (Ωm) <sup>-1</sup> D. 10 <sup>-5</sup> to 10 <sup>-1</sup>
8	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
9	The unit of strain is:	A. Nm B. Nm <sup>-2</sup> C. no unit D. Nm <sup>2</sup>
10	The conductors having the conductivity of the order of	
11	Insulators have:	A. An empty conduction band B. Al full valence band C. A large energy gap D. All of above
12	Curie temperature is a point where :	A. Diamagnetism changes to paramagnetism B. Paramagnetism changes to Diamagnetism C. Ferromagnetism changes to paramagnetism D. Paramagnetism changes to Ferromagnetism
13	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
14	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

15	Conductors have conductivities of order:	A. $10 < sup > 3 < sup > (\Omega m) - 1$ B. $10 < sup > 7 < / sup > (\Omega m) < sup > 1 < / sup >$ C. $10 < sup > 7 < / sup > \Omega m < sup > 1 < / sup >$ D. $10 < sup > - 6 < / sup > \Omega$
16	Which one pair belongs to acceptor impurity.	A. Aresincl, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium
17	The number of crystal system are	A. Three B. Five C. Seven D. Fifteen
18	At 0 K a piece of silicon is a	A. Conductor B. Semi-conductor C. Insulator D. All
19	Which of the following has least hysteresis loop area.	A. Steel B. Wrought Iron C. Soft Iron D. Cobalt
20	Natural rubber is an example of:	A. Crystalline solids B. Amorphous solids C. Polymeric solids D. None of above