

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	In a certain circuit, $I_B = 40 \mu A$, $I_C = 20 \text{ mA}$	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
2	The circuit of full wave rectification consist of	A. Three diodes B. Four diodes C. Two diodes D. One diode
3	The potential difference across depletion region in case of Si is	A. 0.6 volt B. 0.9 volt C. 0.7 volt D. 0.2 volt
4	The semi conductor diode has the property of	A. Two way conduction B. Zero conduction C. One way conduction D. Amplification
5	The impurity in the germinium is usually in the ratio of	A. 1:10 ⁶ B. 1:10 ⁴ C. 1:10 ⁸ D. 1:10 ¹⁰
6	The average gap for Germanium at 0K is	A. 1.12 ev B. 0.02 ev C. 6.72 ev D. 7.2 ev
7	Which of the following has bulk modulus?	A. Water B. Gas C. Honey D. All
8	Coercive force is used to	A. Demagnetize the material B. Magnetize the material C. Extend it D. None of these
9	At 0 K a piece of silicon is a	A. Conductor B. Semi-conductor C. Insulator D. All
10	A pentavalent impurity in Si	A. a free electron and a free hole B. a free hole C. a free electron D. No free particle
11	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
12	The curie temp for iron is about	A. 800 ^o C B. 740 ^o C C. 750 ^o C D. 650 ^o C
13	Curie temperature is	A. Differen for chromium oxide and cobalt B. Same for chromium oxide and cobalt C. Same for iron and cobalt D. None of these
14	Recentaly a complex crystalline structure known as yttrium barium copper oxide ($\text{YBa}_2\text{Cu}_3\text{O}_3$) have reported to become super conductor at	A. 163 K B. 169 K C. 200 K D. 100 K
15	The material whose resistivity becomes zero below a certain temperature	A. Conductors B. Semi conductors C. Super conductors D. None of these

16 The conductors having the conductivity of the order of

17 The dimension of stress is

- A. $[MT^{-1}]$
- B. $[ML^{-1}T]$
- C. $[ML^{-1}T^{-1}]$
- D. $[ML^{-1}T^{-2}]$