

Physics ICS Part 2 Online MCQ's Test

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Sr	Questions	Answers Choice
1	Sensitivity of a galvanometer can be increased by	A. Decreasing the value of torsional couple B. Decreasing number of turns C. Decreasing area of plane of coil D. Decreasing magnetic field
2	One joule is equal to.	A. 1.6 x 10 ¹⁹ eV B. 1.6 x 10 ⁻¹⁹ eV C. 6.25 x 10 ⁻¹⁸ eV D. 6.25 x 10 ¹⁸ eV
3	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
4	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
5	At high frequency the value of reactance of capacitor will be.	A. Small B. Zero C. Large D. Infinite
6	The use of LDR is in the circuit of.	A. Logic gate B. Rectifier C. Oscillator D. High Switch
7	The chargeless region after formation of Pn junction is called:	A. Free regionB. Depletion regionC. Field regionD. U.V region
8	An ideal current source shall have resistance	A. Zero B. Finite but not zero C. Infinite D. Depend upon requirement
9	Heat energy is converted into electrical energy.	A. Solar cellsB. thermocouplesC. Electric generatorsD. None of above
10	A dot represents the direction of magnetic field.	A. Out of page B. Into the page C. Tangent to page D. Parallels to page
11	If 1 x 10^{7} electrons passes through a conductor in 1.0 micro second , then the current is.	A. 2 A B. 1.6 A C. 2.6 x 10 ⁻⁶ A D. 1.6 x 10 ⁻⁶ A
12	A transistor has parts:	A. 2 B. 3 C. 4 D. 5
13	The energy of photon is givne by	A. mv2/2 B. hf C. Va e D. mac ¹
14	In LR circiut which one of the following statements is correct?	A. L and R opposes each other B. R value increases with frequency C. The inductive reactance increases with frequency D. The inductive reactance decreases with frequency
		A. 1.07276

15	The mass of proton in amu is:	B. 1.7276 C. 1.007276 D. 1.0007276
16	The position has charge which is in magnitude equal to the charge on	A. Electron B. Proton C. β particle D. All
17	Mutual induction has a practical role in the performance of the.	A. Radio choke B. Transformers C. A.C. Generator D. D.C. Generator
18	The Lenz's law is also statement of:	A. Law of conservation of mass B. Law of conservation of charge C. Law of conservation of energy D. Law of conservation of momentum
19	Net charge enclosed by Gaussian surface is:	A. zero B. maximum C. depend on intensity D. none of all
20	Electric intensity due to an infinite sheet of charge is:	A. ∂/2ε _∘ B. ∂/rε _∘ C. ∂/r2ε _∘ D. none of these