

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Ampere second stands for the unit of.	A. Charge B. emf C. energy D. Power
2	If a step up transformer were 100% efficient the primary and secondary winding's would have the same.	A. Current B. Power C. Voltage D. Direction of winding
3	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
4	The peak to peak value of alternating voltage is	A. $2V_0$ B. V_0 C. $\sqrt{2}V_0$ D. None of these
5	Which type of impurity is to be added to a pure semi conductor crystal to provide holes.	A. Monovalent B. Trivalent C. Tetravalent D. Pentavalent
6	The radius of 10th orbit in hydrogen atom is.	A. 0.053 nm B. 0.53 nm C. 5.3 nm D. 53 nm
7	The drift velocity is of order:	A. 10^{-13} m/s B. 10^3 m/s C. 10^{-3} m/s D. 10^{-4} m/s
8	If a charge is at rest in a magnetic field then force on charge is	A. Zero B. Double C. One fourth D. Four times
9	The concept of direction is purely	A. Relative B. Absolute C. Relative to the motion D. None of these
10	Lorentz force means the force acting on a particle, which is	A. Magnetic force only B. Electric force only C. Sum of electric and magnetic force D. None of these
11	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. $2q$ C. $Q/2$ D. Zero
12	Power dissipation is a pure inductive or in a pure capacitance circuit is:	A. 10^6 B. 0 C. 10^3 D. Maximum
13	One weber is equal to:	A. $N \cdot A^2 / m$ B. $N \cdot m^2 / A$ C. $N \cdot A / m$ D. $N \cdot m / A$
14	In an N-type silicon, which of the following statement is true?	A. Electrons are majority carriers & trivalent atoms are the dopants B. Electrons are majority carriers & pentavalent atoms are the dopants C. Holes are minority carriers & pentavalent atoms are the dopants. D. Holes are minority carriers & trivalent atoms are the dopants.

15	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
16	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
17	For normal use:	A. Emitter base function is reversed biased B. Collector base junction is reserved biased C. Emitter base junction is forward biased D. Both c and b
18	The particles which do not experience strong force are called.	A. Baryons B. Hadrons C. Mesons D. Laptons
19	The application of mutual induction is a.	A. D.C. motor B. Radio C. Television D. Transformer
20	The converses of annihilation of matter is:	A. Photoelectric effect B. Relativistic effect C. Pair production D. Compton effect