Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Step up transfer has a transformation ratio of 3:2. What is the voltage in secondary , If voltage in primary is 30 V?	A. 45 V B. 15 V C. 90 V D. 300 V
2	In a transistor, collector current is controlled by:	A. Collector voltage B. Base current C. Collector resistance D. All of the above
3	The function of three anodes a C.R.O is	A. To accelerate electrons only B. To focus the electrons only C. To control the brightness of spot on screen D. To accelerate and focus the electrons
4	Charge on electron is	A. 1.6×10^{-19} C B. 1.6×10^{19} C C. 1.6×10^{-17} C D. 1.6×10^{17} C
5	NC-1 is the SI unit is	A. Force B. Charge C. Current D. Electric intensity
6	1 rad =	A. 0.001Gy B. 0.01Gy C. 0.1Gy D. 1.01Gy
7	amu =	A. 1.06×10^{-27} kg B. 1.6606×10^{-27} kg C. 1.520×10^{-21} kg D. 1.6606×10^{-31} kg
8	One use of a single p-n junction semiconductor in an electrical circuit is a	A. Rectifier B. Transistor C. Battery D. Diode
9	Photo diode is used for detection of.	A. Heat B. Magnet C. Current D. Light
10	A force of 0.01 N is exerted on a charge 1.2×10^{-5} C at a certain point. The electric field at that point is	A. 1.2×10^{4} N/C B. 1.2×10^{4} C/N C. 8.3×10^{2} N/C D. 8.3×10^{-2} N/C
11	Mass equivalent of 931 MeV energy is:	A. 6.02×10^{-23} kg B. 1.766×10^{-27} kg C. 2.67×10^{-29} kg D. 6.02×10^{-87} kg
12	SI unit of reactance is.	A. Ohm B. Mho C. Farad D. Henry
13	Lenz's law is a consequence of the law of conservation of	A. Charge B. Momentum C. Energy D. Angular momentum
14	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
		A. Crystalline

15	The solid with definite M.L are called:	B. Amorphous C. Polymeric D. None of above
16	In extrinsic semiconductors doping is of the order of.	A. 1 atom to 10^4 B. 1 atom to 10^6 C. 1 atom to 10^8 D. 1 atom to 10^3
17	Binding energy per nucleon is maximum for	A. Platinum B. Iron C. Uranium D. Lead
18	For non-ohmic devices, the graph between V and I is	A. Not a straight line B. A straight line C. A curve D. All of above
19	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
20	Two parrallel, metal plates are a distance 8.00 m apart. The electric field between the plates in uniform, Directed toward the right , and has a magnitude of 4.00 N/C. If an ion of charge +2e is released at rest at the left-hand plate. What is its kinetic energy when reaches the right-hand plate?	A. 4 eV B. 64 eV C. 32 eV D. 16 eV