Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	There is no charge in A and Z of any radioactive element by the emission of.	A. Alpha particle B. Beta particle C. Gama particle D. X- rays
2	Transistor was discovered by	A. Young B. Curie C. John Bardeen D. Shale's
3	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipes
4	The unit of magnetic induction is:	A. Tesla B. Weber C. Weber metre D. NAm^{-1}
5	The first theory about the structure of an atom was introduced by	A. Neil Bohr B. Einstein C. Compton D. Rutherford
6	The acceleration of an electron of mass m and charge e, moving with uniform speed v at right angles to a magnetic field of flux density B, is given by	D. Bevm
7	The 1st Bohr atom in the hydrogen atom has radius	A. 3.56×10^{-10} m B. 0.053×10^{-11} m C. 0.53×10^{-11} m D. 5.30×10^{-11} m
8	Electric potencial of earth is taken to be zero because the earth is good:	A. Semiconductor B. Conductor C. Insulator D. Dielectric
9	Potentiometer is used to.	A. Compare emf of two cells B. Detect internal resistance of cell C. Measure P.D. D. All of these
10	The number of electrons in one coulomb charge is equal to	A. 6.2×10^{18} electrons B. Zero electrons C. 1.6×10^{-22} electrons D. 6.2×10^{21} electrons
11	The value of Rydberg constant is:	A. $1.0749 \times 10^7 m^{-1}$ B. $1.0974 \times 10^7 m^{-1}$ C. $1.974 \times 10^6 m^{-1}$ D. $1.0974 \times 10^{-7} m^{-1}$
12	The leV =	A. 1.6x10-19C B. 1.6x10-11J C. 1.6x10-19J D. 1.6x10-11C
13	If I_o is the peak value of current, then its root mean square value is given by	B. $2 I_o$ C. I_o D. $0.7 I_o$
14	Eddy current is produced when:	A. A metal is light in varying magnetic field B. A metal is kept in steady magnetic field C. A circular coil is placed in a steady magnetic field D. A current is passed through a circualr coil

15	The number of Isotopes of cesium are.	A. 4 B. 32 C. 22 D. 36
16	___ is correct relation.	A. $IT = 10^{-4}\,G$ B. $IT = 10^{4}\,G$ C. $IT = 10^{2}\,G$ D. $IT = 10^{-2}\,G$
17	The value of capacitive reactance is given by	A. $X_c = VI$ B. $x_c = 1/wc$ or $x_c = wL$ C. $x_c = 1*wc$ or $x_c = Lw$ D. All of above
18	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
19	The dimensions of Plank's constant is same as that of.	A. Energy B. Power C. Acceleration D. Angular momentum
20	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted