

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
2	CRO works by deflecting the beam of electron as they pass through	A. Uniform magnetic field B. Uniform electric field between two sets of parallel plates C. Non-uniform magnetic field D. None of these
3	Question Image	D. None of the above
4	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
5	If an electron is projected in a magnetic field with velocity V, it will experience a force	
6	The permeability of free space is measured in	A. wb A/m B. Am/wb C. wb/Am D. m/wbA
7	The magnetic field is uniform and stronger	A. Outside the solenoid B. Inside the solenoid C. At the central part of the solenoid D. None of these
8	The unit of magnetic induction B is	A. Coulomb B. Ampere C. Coulomb/ampere D. Weber/m ²
9	The dimensions of magnetic flux are	A. $M^{1/2}L^{1/2}T^{1/2}A^{1/2}$ B. $MLT^{-2}A^{-1}$ C. $ML^2T^2A^{-1}$ D. $ML^2T^{-2}A^{-1}$
10	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
11	The name of the scientist who noted that a compass needle was deflected when placed near the current carrying conductor	A. Henry B. Faraday C. Coloumb D. Oersted
12	Unit (S.I) of temperature coefficient of resistivity of a material is	A. K B. K^{-1} C. $^{\circ}C$ D. K^{-2}
13	Terminal potential difference is greater than emf of the cell when	A. Circuit is open B. Circuit is closed C. small battery is charged by bigger battery D. None of these
14	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
15	e.m.f is the conversion of ----- energy into electrical energy	A. Chemical B. Solar C. Light D. None of these

16	The condition for the wheatstone bridge to be balanced is given by	D. None of above
17	A rheostat can be used as variable resistor as well as a-----	A. Potential divider B. Current divider C. Wheat stone bridge D. Power divider