

Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	Force on a charged particle is zero when projected at angle with magnetic field.	A. 0° B. 90° C. 180° D. 270°
2	Current passing through the coil of galvanometer	A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO
3	If current flowing through a solenoid becomes four times, then magnetic field inside becomes.	A. two times B. three times C. four times D. Half
4	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
5	In order to measure potential difference voltmeter is always connected in.	A. Series B. Parallel C. Both a and b D. Neither in series nor in parallel
6	The field is strong and uniform.	A. Inside the solenoid B. Surrounding of solenoid externally C. Perpendicular to solenoid D. All of above
7	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltmeter
8	Two parallel wires carrying currents in the opposite direction.	A. Repel each other B. Attract each other C. Have no effect upon each other D. They cancel out their individual magnetic fields.
9	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
10	The unit of magnetic induction is:	A. Tesla B. Weber C. Weber metre D. NAm^{-1}
11	The SI unit of magnetic permeability is.	A. $WbA^{-1}m^{-1}$ B. Wbm^{-2} C. $WbmA^{-1}$ D. $WbAm^{-1}$
12	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
13	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
14	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
		A. North pole

15	A photon while passing through a magnetic field are deflected towards:	B. South pole C. Are ionized D. None of these
16	In current carrying long solenoid the magnetic field produced does not depend upon.	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of the above
17	___ is correct relation.	A. $IT = 10^{⁻⁴} G$ B. $IT = 10^{⁴} G$ C. $IT = 10^{²} G$ D. $IT = 10^{⁻²} G$
18	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
19	If the number of turns become double but length remain same, then magnetic field in the solenoid become.	A. Half B. Double C. Remain same D. Zero
20	The unit of permeability of free space is:	A. $T \cdot m/A$ B. $T \cdot m^{²} / A$ C. $T \cdot m / A^{²}$ D. None of these