

Physics ICS Part 2 Chapter 14 Online MCQ's Test

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Sr	Questions	Answers Choice
1	When a charge is projected perpendicular to a uniform magnetic field, tis path is	A. Spiral B. Helix C. Ellipse D. Circular
2	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
3	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
4	The unit of Magnetic flux is called.	A. weber B. weber/m ² C. NM ⁻¹ A ⁻¹ D. None of above
5	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter
6	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
7	When Ohm meter gives full scale deflection it indicates.	A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance
8	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
9	1 tesla =	A. 1 MAm ⁻¹ B. 1NA ⁻¹ m C. 1NA ⁻¹ m ⁻¹ D. None of above
10	A voltmeter is always connected in	A. Parallel B. Series C. Perpendicular D. Straight line
11	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
12	Sensitivity of a galvanometer can be increased by	A. Decreasing the value of torsional couple B. Decreasing number of turns C. Decreasing area of plane of coil D. Decreasing magnetic field
13	A photon while passing thorugh a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these
14	The permeability of free space is measured in	A. wb A/m B. Am/wb C. wb/Am D. m/wbA
15	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor

		D. All of above
16	The SI unit of E is NC-1 and that of B is Na-1 m-1 then the unit of E/B is.	A. ms-2 B. ms C. ms ⁻¹ D. m-1s-1
17	e/m=	A. v/Br B. Br/V C. VB/r D. Vr/B
18	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
19	Energy stored per uint volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
20	The sensitivity of galvanometer is given by	A. CAN/B B. C/BAN C. BAN/C D. BN/CA