

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change D. Be four time
3	The sum of electric and magnetic force is called.	A. Maxwell force B. Lorentz force C. Newton's force D. Centripetal force
4	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
5	When a charge is projected perpendicular to a uniform magnetic field, tis path is	A. Spiral B. Helix C. Ellipse D. Circular
6	Which one of the following resistance is used to convert a Galvanometer into an ammeter.	A. High resistance B. Low resistance in series with galvanometer C. Shunt D. High resistance in series with galvanometer
7	One weber is equal to:	A. N.A ² /m B. N.m ² /A C. N.A/m D. N.m/A
8	For a current carrying solenoid the term 'n' has unit as.	A. No unit B. m ⁻¹ C. m ⁻² D. m-3
9	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
10	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
11	Brightness of screen of CRO controlled by	A. Grid B. Filament C. Anode D. Cathode
12	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
13	Current passing through the coil of galvanometer	A. CO/BAN B. CoN /BA C. NAB/CO D. AN/BCO
14	The unit of Magnetic flux is called.	A. weber B. weber/m ² C. NM ⁻¹ A ⁻¹ D. None of above

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15	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
16	The sensitivity of galvanometer is given by	A. CAN'B B. C/BAN C. BAN'C D. BN'CA
17	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
18	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
19	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
20	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons