

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
2	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
3	The Grid 'G' in cathode ray oscilloscope.	A. Accelerate as well as focus electron beam B. Control no. of electrons beam C. Is at - Ve potential with respect to cathode. D. Both d and b
4	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltmeter
5	The value of e/m is smallest for	A. Proton B. Electron C. Beta particle D. Positron
6	Cathode ray oscilloscope works by deflecting a beams	A. Neutrons B. Protons C. Electrons D. Positron
7	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
8	Shunt resistance is	A. Low resistance B. Zero resistance C. High resistance D. Impedance
9	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
10	The field is strong and uniform.	A. Inside the solenoid B. Surrounding of solenoid externally C. Perpendicular to solenoid D. All of above
11	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
12	The dimensions of magnetic flux are	A. $M^{1/2}L^{3/2}T^{-2}A^{-1}$ B. $MLT^{-2}A^{-1}$ C. $ML^2T^2A^{-1}$ D. $ML^2T^2A^{-1}$
13	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
14	A positive charge is moving towards an observer, The direction of magnetic induction will	A. Toward right B. Anti clockwise

	be.	C. Clockwise D. Toward left
15	A charged particle enters in a strong magnetic field its K.E.	A. Remain constant B. Increases C. Decreases D. Increases then decreases
16	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
17	Magnetic flux density at a point due to current carrying coil is determined by	A. Ampere's law B. Faraday's law C. Lenz's law D. Gauss's law
18	The SI unit of E is NC^{-1} and that of B is $\text{Na}^{-1} \text{m}^{-1}$ then the unit of E/B is.	A. ms^{-2} B. ms C. ms^{-1} D. $\text{m}^{-1}\text{s}^{-1}$
19	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
20	If an electron is projected in a magnetic field with velocity V, it will experience a force	