

Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	The e/m of a neutron is	A. Less than electron B. The same as electron C. Zero D. Greater than electron
2	When Ohm meter gives full scale deflection it indicates.	A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance
3	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
4	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
5	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
6	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnitic flux D. Electric flux
7	The magnetic flux will be max, For an angle of:	A. 0° B. 60° C. 90° D. 180°
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	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
10	The sensitivity of galvanometer directly depends upon	A. Magnetic field B. Area of coil C. Both a and b D. None of a, b, c
11	The dimensions of magnetic flux are	A. $M^{1/2} T^{-1} A^{-1}$ B. $M L^2 T^{-2} A^{-1}$ C. $M L^2 T^{-2} A^{-1}$ D. $M L^2 T^{-2} A^{-1}$
12	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
		A. Toward right B. A and B

13	A positive charge is moving towards an observer, the direction of magnetic induction will be.	B. Anti clockwise C. Clockwise D. Toward left
14	The value of e/m is smallest for	A. Proton B. Electron C. Beta particle D. Positron
15	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
16	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
17	Galvanometer is sensitive when C/BAN is	A. zero B. Large C. small D. Negative
18	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter
19	Current passing through the coil of galvanometer	A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO
20	To convert a galvanometer into a volt meter a high resistance is connected.	A. In series B. In parallel C. In perpendicular D. Along tangent