

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	When Ohm meter gives full scale deflection it indicates.	<p>A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance</p>
2	The magnetic flux will be max, For an angle of:	<p>A. 0° B. 60° C. 90° D. 180°</p>
3	For accurate measurement of current through a circuit, the resistance of ammeter should be	<p>A. Very small B. Very high C. Neither small nor high D. None of the above</p>
4	A sensitive galvanometer is	<p>A. Unstable B. Stable C. Moderate D. Both B and C</p>
5	The brightness of the spot of CRO screen is controlled by.	<p>A. Anode B. Cathode C. Grid D. Deflecting plates</p>
6	If current flowing through a solenoid becomes four times, then magnetic field inside becomes.	<p>A. two times B. three times C. four times D. Half</p>
7	The dimensions of magnetic flux are	<p>A. $M^{1/2}L^{1/2}T^{-1}A^{-1}$ B. $MLT^{-2}A^{-1}$ C. $ML^2T^2A^{-1}$ D. $ML^2T^{-2}A^{-1}$</p>
8	Current passing through the coil of galvanometer	<p>A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO</p>
9	A positive charge is moving towards an observer, The direction of magnetic induction will be.	<p>A. Toward right B. Anti clockwise C. Clockwise D. Toward left</p>
10	The permeability of free space is measured in	<p>A. wb A/m B. Am/wb C. wb/Am D. m/wbA</p>
11	CRO works by deflecting the beam of electron as they pass through	<p>A. Uniform magnetic field B. Uniform electric field between two sets of parallel plates C. Non-uniform magnetic field D. None of these</p>
12	1 tesla =	<p>A. $1MAm^{-1}$ B. $1NA^{-1}m$ C. $1NA^{-1}m^{-1}$ D. None of above</p>
13	The Weber is unit of measure of:	<p>A. Conductance B. Electric current</p>

		C. Magnetic flux D. Electric flux
14	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
15	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
16	The unit of permeability of free space is:	A. T.m/A B. $T.m^2/A$ C. $T.m^2/A^2$ D. None of these
17	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
18	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
19	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
20	The SI unit of magnetic permeability is.	A. $WbA^{-1}m^{-1}$ B. Wbm^{-2} C. $WbmA^{-1}$ D. $WbAm^{-1}$