

## Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	The unit of magnetic induction B is	A. Coulomb B. Ampere C. Coulomb/ampere D. Weber/m <sup>2</sup>
2	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
3	A soft iron cylinder is placed inside coil galvanometer to:	A. Make field circular and strong B. Make field radial and weak C. Make field radial and strong D. All of above
4	NIBA =	A. cθ B. θ/c C. c <sup>2</sup> θ D. c <sup>2</sup> /θ
5	Magnetic flux density is measured in	A. Weber B. Weber/m2 C. Tesla -m D. Gauss
6	An AVO meter can also be called as.	A. Digital multimeter     B. Digital voltmeter     C. Digital ammeter     D. Digital ohm meter
7	A photon while passing thorugh a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these
8	Torque on a current carrying coil	A. τ=IBA cos B. <span style="font-size: 13.63636302947998px,">τ = ILB sin</span> α C. τ = IBA sinα D. τ = ILBcosα
9	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
10	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
11	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
12	The SI unit of magnetic induction 'B' Tesla is equal to.	A. NA-1m-1 B. Nam-1 C. NA-1 m D. Na2m-1
13	The anodes in cathode ray oscilloscope.	A. Control number of waves B. Control brightness of sept formed C. Accelerate as well as focus beam D. Negative potential w.r.t to chithode
14	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
15	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
16	If the length of solenoid is doubled but N same, B inside the solenoid becomes.	A. Half B. Doubled C. One fourth D. Four times
17	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
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	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
20	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