

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

Sr	Questions	Answers Choice
1	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
2	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
3	The sensitivity of galvanometer is given by	A. CAN'B B. C/BAN C. BAN'C D. BN/CA
4	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
5	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
6	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
7	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
8	A photon while passing thorugh a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these
9	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	A. upward B. To ward right C. Down ward D. Toward left
10	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
11	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
12	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
13	The permeability of free space is measured in	A. wb A/m B. Am/wb C. wb/Am D. m/wbA
14	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
15	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

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16	The Weber is unit of measure of:	A. Conductance     B. Electric current     C. Magnitic flux     D. Electric flux
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	An AVO meter can also be called as.	A. Digital multimeter     B. Digital voltmeter     C. Digital ammeter     D. Digital ohm meter
19	When a charge is projected perpendicular to a uniform magnetic field, tis path is	A. Spiral B. Helix C. Ellipse D. Circular
20	Galvanometer is sensitive when C/BAN is	A. zero B. Large C. small D. Negative