

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

Sr	Questions	Answers Choice
1	The SI unit of E is $\text{NC}^{-1}$ and that of B is $\text{Na}^{-1} \text{m}^{-1}$ then the unit of E/B is.	A. $\text{ms}^{-2}$ B. ms C. $\text{ms}^{-1}$ D. $\text{m}^{-1}\text{s}^{-1}$
2	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
3	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
4	The unit of magnetic induction B is	A. Coulomb B. Ampere C. Coulomb/ampere D. $\text{Weber/m}^2$
5	The acceleration of an electron of mass m and charge e, moving with uniform speed v at right angles to a magnetic field of flux density B, is given by	D. $\frac{Bev}{m}$
6	Shunt resistance is	A. Low resistance B. Zero resistance C. High resistance D. Impedance
7	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
8	Brightness of screen of CRO controlled by	A. Grid B. Filament C. Anode D. Cathode
9	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipses
10	A sensitive galvanometer is	A. Unstable B. Stable C. Moderate D. Both B and C
11	The function of three anodes a C.R.O is	A. To accelerate electrons only B. To focus the electrons only C. To control the brightness of spot on screen D. To accelerate and focus the electrons
12	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
13	The SI unit of magnetic induction Tesla is equal to	A. $\text{N}^{-1} \text{Am}$ B. $\text{NA m}^2$ C. $\text{NA}^{-1}\text{m}^2$ D. $\text{NA}^{-1}\text{m}^{-1}$
14	___ is correct relation.	A. $I T = 10^{-4} G$ B. $I T = 10^4 G$ C. $I T = 10^2 G$ D. $I T = 10^{-2} G$
15	Two parallel wires carrying currents in the opposite direction.	A. Repel each other B. Attract each other C. Have no effect upon each other D. They cancel out their individual

magnetic fields.

16	When a charge is projected perpendicular to a uniform magnetic field, its path is	A. Spiral B. Helix C. Ellipse D. Circular
17	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
18	A photon while passing through a magnetic field is deflected towards:	A. North pole B. South pole C. Are ionized D. None of these
19	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
20	If an electron is projected in a magnetic field with velocity $V$ , it will experience a force	