

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	For a current carrying solenoid the term 'n' has unit as.	A. No unit B. m^{-1} C. m^{-2} D. m^{-3}
3	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
4	$e/m =$	A. v/Br B. Br/V C. vB/r D. Vr/B
5	NIBA =	A. $c\theta$ B. θ/c C. c^2/θ D. c^2/θ
6	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
7	A dot represents the direction of magnetic field.	A. Out of page B. Into the page C. Tangent to page D. Parallels to page
8	A photon while passing through a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these
9	CRO works by deflecting the beam of electron as they pass through	A. Uniform magnetic field B. Uniform electric field between two sets of parallel plates C. Non-uniform magnetic field D. None of these
10	The SI unit of magnetic induction Tesla is equal to	A. $N^{-1} Am$ B. $NA m^2$ C. $NA^{-1} m^2$ D. $NA^{-1} m^{-1}$
11	When Ohm meter gives full scale deflection it indicates.	A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance
12	A moving charge is surrounded by:	A. 2 Fields B. 3 Fields C. 4 Fields D. None of these
13	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.
14	In current carrying long solenoid the magnetic field produced does not depend upon.	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of the above
15	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnetic flux

		D. Electric flux
16	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltmeter
17	Ampere's law is applicable to:	A. Circular path B. Rectangular path C. To any closed path D. Nonwe of these
18	The magnetic flux will be max, For an angle of:	A. 0 >° B. 60 >° C. 90 >° D. 180 >°
19	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
20	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer