

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	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 above
2	A charged particle enters in a strong magnetic field its K.E.	A. Remain constant B. Increases C. Decreases D. Increases then decreases
3	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
4	The Grid 'G' in cathode ray oscilloscope.	A. Accelerate as well as focus electron beam B. Control no. of electrons beam C. Is at - Ve potential with respect to cathode. D. Both b and c
5	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
6	Magnetism is related to:	A. Stationary charges B. Moving charges C. Stationary & Moving charges D. Law of motion
7	If current flowing through a solenoid becomes four times, then magnetic field inside becomes.	A. two times B. three times C. four times D. Half
8	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
9	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
10	The unit of permeability of free space is:	A. T.m/A B. T.m ² /A C. T.m/A ² D. None of these
11	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
12	The sum of electric and magnetic force is called.	A. Maxwell force B. Lorentz force C. Newton's force D. Centripetal force
13	NIBA =	A. $c\theta$ B. θ/c C. c^2/θ D. c^2/θ
14	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high D. None of the above

15	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
16	The sensitivity of galvanometer is given by	A. C/NB B. C/BAN C. BAN/C D. $BNCA$
17	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
18	The unit of Magnetic flux is called.	A. weber B. weber/m^2 C. $\text{NM}^{-1}\text{A}^{-1}$ D. None of above
19	The SI unit of magnetic permeability is.	A. $\text{WbA}^{-1}\text{m}^{-1}$ B. Wbm^{-2} C. WbmA^{-1} D. WbAm^{-1}
20	A moving charge is surrounded by:	A. 2 Fields B. 3 Fields C. 4 Fields D. None of these