

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
2	A voltmeter is always connected in	A. Parallel B. Series C. Perpendicular D. Straight line
3	The SI unit of magnetic permeability is.	A. $\text{WbA}^{-1}\text{m}^{-1}$ B. Wbm^{-2} C. WbmA^{-1} D. WbAm^{-1}
4	The e/m of a neutron is	A. Less than electron B. The same as electron C. Zero D. Greater than electron
5	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
6	When a charge is projected perpendicular to a uniform magnetic field, its path is	A. Spiral B. Helix C. Ellipse D. Circular
7	Write the SI unit of magnetic flux.	A. Tesla B. Weber C. Weber m^{-2} D. Tesla m^2
8	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
9	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
10	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/ m^2 D. All of the above
11	The unit of magnetic induction is:	A. Tesla B. Weber C. Weber metre D. NA m^{-1}
12	$\text{NIBA} =$	A. $c\theta$ B. θ/c C. c^2/θ D. c^2/θ
13	A galvanometer is an electrical instrument used to	A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these
14	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force
15	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

16	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity
17	Brightness of screen of CRO controlled by	A. Grid B. Filament C. Anode D. Cathode
18	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
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	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