

Physics FSC 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	The e/m of a neutron is	A. Less than electron B. The same as electron C. Zero D. Greater than electron
3	Lorentz force means the force acting on a particle, which is	A. Magnetic force only B. Electric force only C. Sum of electric and magnetic force D. None of these
4	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
5	NIBA =	A. $c\theta$ B. θ/c C. c^2/θ D. c^2/θ
6	A galvanometer is an electrical instrument used to	A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these
7	The sum of electric and magnetic force is called.	A. Maxwell force B. Lorentz force C. Newton's force D. Centripetal force
8	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
9	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
10	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
11	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
12	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnetic flux D. Electric flux
13	The field is strong and uniform.	A. Inside the solenoid B. Surrounding of solenoid externally C. Perpendicular to solenoid D. All of above
14	The SI unit of E is NC^{-1} and that of B is $Na^{-1} m^{-1}$ then the unit of E/B is.	A. ms^{-2} B. ms C. ms^{-1} D. $m^{-1}s^{-1}$
		A. Neutrons

15	Cathode ray oscilloscope works by deflecting a beams	B. Protons C. Electrons D. Positron
16	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
17	The sensitivity of Galvanometer can be increased by:	A. Increasing C/BAN factor B. Decreasing C/BAN factor C. Increasing angle θ D. All of above
18	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
19	Which one has the least resistance.	A. Galvanometer B. Ammeter C. Ohm meter D. Volta meter
20	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor D. All of above