

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	Force on a charged particle is zero when projected at angle with magnetic field.	A. 0 B. 90° C. 180° D. 270°
2	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
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 anodes in cathode ray oscilloscope.	A. Control number of waves B. Control brightness of sept formed C. Accelerate as well as focus beam D. Negative potential w.r.t to cathode
5	Which one of the following resistance is used to convert a Galvanometer into an ammeter.	A. High resistance B. Low resistance in series with galvanometer C. Shunt D. High resistance in series with galvanometer
6	The dimensions of magnetic flux are	A. $\text{M}^1\text{L}^{-2}\text{T}^1\text{A}^1$ B. $\text{MLT}^{-2}\text{A}^{-1}$ C. $\text{ML}^2\text{T}^2\text{A}^{-1}$ D. $\text{ML}^2\text{T}^{-2}\text{A}^{-1}$
7	The unit of Magnetic flux is called.	A. weber B. weber/m^2 C. $\text{NM}^{-1}\text{A}^{-1}$ D. None of above
8	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
9	The conductor experience force, placed in magnetic above:	A. Move towards weaker part of field B. Move towards stronger part of field C. Remains at rest D. Move upwards in space
10	Write the SI unit of magnetic flux.	A. Tesla B. Weber C. Weber m^{-2} D. Tesla m^2
11	Magnetism is related to:	A. Stationary charges B. Moving charges C. Stationary & Moving charges D. Law of motion
12	Magnetic flux density at a point due to current carrying coil is determined by	A. Ampere's law B. Faraday's law C. Lenz's law D. Gauss's law
13	A sensitive galvanometer is	A. Unstable B. Stable C. Moderate D. Both B and C
14	A voltmeter is always connected in	A. Parallel B. Series C. Perpendicular

		D. Straight line
15	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
16	Question Image	D. None of the above
17	The value of e/m is smallest for	A. Proton B. Electron C. Beta particle D. Positron
18	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
19	If an electron is projected in a magnetic field with velocity V , it will experience a force	
20	Current passing through the coil of galvanometer	A. CO/BAN B. CoN /BA C. NAB/CO D. AN/BCO