Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of magnetic induction 'B' Tesla is equal to.	A. NA-1m-1 B. Nam-1 C. NA-1 m D. Na2m-1
2	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
3	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
4	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force
5	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/m2 D. All of the above
6	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change D. Be four time
7	e/m=	A. v/Br B. Br/V C. VB/r D. Vr/B
8	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnitic flux D. Electric flux
9	The effective way to increase the sensitivity of moving coil galvanometer is.	A. Increase the area of coil B. Increase the number of turn C. Increase the magnetic field D. Increase the value of constant C
10	Torque on a current carrying coil	A. τ=IBA cos B. τ = ILB sinα C. τ = IBA sinα D. τ = ILBcosα
11	Magnetic flux density is measured in	A. Weber B. Weber/m2 C. Tesla -m D. Gauss
12	Torque is produced in a current carrying coil when it is placed in a	A. Magnetic field B. Electric field C. Gravitational field D. Nuclear field
13	The SI unit of magnetic induction Tesla is equal to	A. N-1 Am B. NA m2 C. NA-1n2 D. NA-1m-1
14	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
15	Which one has the least resistance.	A. Galvanometer B. Ammeter C. Ohm meter

		D. Volta meter
16	A moving charge is surrounded by:	A. 2 Fields B. 3 Fields C. 4 Fields D. None of these
17	The dimensions of magnetic flux are	A. M¹L⁻²T¹A¹ B. MLT⁻²A⁻¹ C. ML²T²A⁻¹ D. ML²T⁻²A⁻¹
18	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
19	The unit of permiability of free space is:	A. T.m/A B. T.m²/A C. T.m/A² D. None of these
20	___ is correct relation.	A. IT = 10⁻⁴G B. IT = 10⁴ G C. IT = 10² G D. IT = 10⁻² G