

## Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
SI	QUESTIOLIS	
1	Magnetism is related to:	A. Stationary charges     B. Moving charges     C. Stationary & D. Law of motion
2	The value of e/m is smallest for	A. Proton B. Electron C. Beta particle D. Positron
3	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter
4	Torque on a current carrying coil	A. T=IBA cos B. <span style="font-size: 13.63636302947998px,">τ = ILB sin</span> α C. τ = IBA sinα D. τ = ILBcosα
5	The unit of magnetic induction is:	A. Tesla  B. Weber C. Weber metre D. NAm <sup>-1</sup>
6	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
7	The field is strong and uniform.	A. Inside the solenoid B. Surrounding of solenoid externally C. Perpendicular to solenoid D. All of above
8	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnitic flux D. Electric flux
9	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 chithod
10	Current passing through the coil of galvanometer	A. CO/BAN B. CoN /BA C. NAB/CO D. AN/BCO
11	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
12	Two parallel wires carrying currents in the opposite direction.	A. Repel each other B. Attract each other C. Have no effect upon each other D. They cancel out their individual magnetic fields.
13	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
14	Magnetic flux density is measured in	A. Weber B. Weber/m2 C. Tesla -m D. Gauss
		A. 0

15	The magnetic flux will be max, For an angle of:	size: small;">" B. 60 <span style="color: rgb(84, 84, 84); font-family: arial, sans-serif; font-size: small;">"</span> C. 90 <span style="color: rgb(84, 84, 84); font-family: arial, sans-serif; font-size: small;">"</span> D. 180 <span style="color: rgb(84, 84, 84); font-family: arial, sans-serif; font-size: small;">"</span>
16	If a charge is at rest in a magnetic field then force on charge is	A. Zero B. Double C. One fourth D. Four times
17	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 d and b
18	NIBA =	A. cθ B. θ/c C. c <sup>2</sup> θ D. c <sup>2</sup> /θ
19	e/m=	A. v/Br B. Br/V C. VB/r D. Vr/B
20	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

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