Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	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.
2	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
3	Force on a charged particle is zero when projected at angle with magnetic field.	A. 0 ^o B. 90^o C. 180^o D. 270^o
4	Which one has the least resistance.	A. Galvanometer B. Ammeter C. Ohm meter D. Volta meter
5	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
6	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-1s-1
7	The unit of permiability of free space is:	A. T.m/A B. T.m²/A C. T.m/A² D. None of these
8	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
9	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
10	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipes
11	Galvanometer is sensitive when C/BAN is	A. zero B. Large C. small D. Negative
12	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
13	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
14	The magnetic field inside solenoid is given:	A. μ_◦nI² B. μ_◦nI C. μ_◦n/1² D. μ_◦I/n
15	1 tesla =	A. 1 MAm⁻¹ B. 1NA⁻¹m C. 1NA⁻¹m<sup>-

		1</sup> D. None of above
16	To convert a galvanometer into a volt meter a high resistance is connected.	A. In series B. In parallel C. In perpendicular D. Along tangent
17	The torque in the coil can be increased by increasing:	A. No. of turns B. Current and magnetic field C. Area of coil D. All of the above
18	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
19	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
20	A photon while passing thorugh a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these