Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one has the least resistance.	A. Galvanometer B. Ammeter C. Ohm meter D. Volta meter
2	The magnetic field inside solenoid is given:	A. μ_◦nI² B. μ_◦nI C. μ_◦n/1² D. μ_◦I/n
3	Energy stored per uint volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
4	The permeability of free space is measured in	A. wb A/m B. Am/wb C. wb/Am D. m/wbA
5	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	A. upward B. To ward right C. Down ward D. Toward left
6	The unit of permiability of free space is:	A. T.m/A B. T.m²/A C. T.m/A² D. None of these
7	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnitic flux D. Electric flux
8	In order to measure potential difference voltmeter is always connected in.	A. Series B. Parallel C. Both a and b D. Neither in series nor in parallel
9	When a charge is projected perpendicular to a uniform magnetic field, tis path is	A. Spiral B. Helix C. Ellipse D. Circular
10	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
11	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity
12	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
13	A moving charge is surrounded by:	A. 2 Fields B. 3 Fields C. 4 Fields D. None of these
14	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.
15	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron

		D. Energy of electrons
16	$\mu_{\circ}$ (Ampere's constant) has value.	A. 4πx10⁻⁷ WbA⁻¹m⁻¹ B. 4πx10⁻¹⁷ Wbm² C. 4πx10⁷ WbA⁻¹m⁻¹ D. 4πx10-27 Wb/m²
17	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
18	Write the SI unit of magnetic flux.	A. Tesla B. Weber C. Weber m-2 D. Tesla m2
19	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
20	NIBA =	A. cθ B. θ/c C. c²θ D. c²/θ