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	Brightness of screen of CRO controlled by	A. Grid B. Filament C. Anode D. Cathode
3	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
4	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
5	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
6	A current carrying conductor experience maximum magnetic force in a uniform magnetic field when it is placed.	A. Perpendicular to field B. Parallel to field C. At an angle of 60 ^o to the field D. None of these
7	The sum of electric and magnetic force is called.	A. Maxwell force B. Lorentz force C. Newton's force D. Centripetal force
8	A charged particle enters in a strong magnetic field its K.E.	A. Remain constant B. Increases C. Decreases D. Increases then decreases
9	If the length of solenoid is doubled but N same, B inside the solenoid becomes.	A. Half B. Doubled C. One fourth D. Four times
10	A sensitive galvanometer is	A. Unstable B. Stable C. Moderate D. Both B and C
11	If an electron is prijected in a magnetic field with velocity V, it will experience a force	
12	Question Image	D. None of the above
13	The field is strong and uniform.	A. Inside the solenoid B. Surrounding of solenoid externally C. Perpendicular to solenoid D. All of above
14	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
15	$\mu_\circ$ (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
		A. Repel each other

16	Two parallel wires carrying currents in the opposite direction.	B. Attract each other C. Have no effect upon each other D. They cancel out their individual magnetic fields.
17	The unit of permiability of free space is:	A. T.m/A B. T.m²/A C. T.m/A² D. None of these
18	The unit of Magnetic flux is called.	A. weber B. weber/m² C. NM⁻¹A⁻¹ D. None of above
19	The SI unit of flux density is.	A. NA-1 m2 B. NA-1 m-1 C. NAm-1 D. NA-1 m
20	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