

Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	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 nbsp;
2	The unit of magnetic induction B is	A. Coulomb B. Ampere C. Coulomb/ampere D. Weber/m ²
3	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
4	Write the SI unit of magnetic flux.	A. Tesla B. Weber C. Weber m ⁻² D. Tesla m ²
5	If an electron is projected in a magnetic field with velocity V, it will experience a force	
6	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
7	___ is correct relation.	A. $IT = 10^{-4} G$ B. $IT = 10^4 G$ C. $IT = 10^2 G$ D. $IT = 10^{-2} G$
8	A positive charge is moving towards an observer, The direction of magnetic induction will be.	A. Toward right B. Anti clockwise C. Clockwise D. Toward left
9	The function of three anodes a C.R.O is	A. To accelerate electrons only B. To focus the electrons only C. To control the brightness of spot on screen D. To accelerate and focus the electrons
10	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
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 above
12	Question Image <input style="width: 100%; height: 15px;" type="text"/>	D. None of the above
13	NIBA =	A. $c\theta$ B. θ/c C. c^2/θ D. c^2/θ
14	One weber is equal to:	A. $N \cdot A^2/m$ B. $N \cdot m^2/A$ C. $N \cdot A/m$ D. $N \cdot m/A$
15	The galvanometer can be made sensitive by making the factor BAN/C	A. Large B. Small C. Constant D. Zero
16	The SI unit of magnetic flux is	A. Henry

16	The name of the scientist who noted that a compass needle was deflected when placed near the current carrying conductor	B. Faraday C. Coloumb D. Oersted
17	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
18	Lorentz force means the force acting on a particle, which is	A. Magnetic force only B. Electric force only C. Sum of electric and magnetic force D. None of these
19	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
20	A soft iron cylinder is placed inside coil galvanometer to:	A. Make field circular and strong B. Make field radial and weak C. Make field radial and strong D. All of above