

Physics ICS Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
2	The SI unit of flux density is.	A. NA-1 m2 B. NA-1 m-1 C. NAm-1 D. NA-1 m
3	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
4	A photon while passing through a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these
5	The permeability of free space is measured in	A. wb A/m B. Am/wb C. wb/Am D. m/wbA
6	The galvanometer can be made sensitive by making the factor BAN/C	A. Large B. Small C. Constant D. Zero
7	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
8	The unit of magnetic induction is:	A. Tesla B. Weber C. Weber metre D. NAm ⁻¹
9	The sum of electric and magnetic force is called.	A. Maxwell force B. Lorentz force C. Newton's force D. Centripetal force
10	When Ohm meter gives full scale deflection it indicates.	A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance
11	The dimensions of magnetic flux are	A. M ¹ L ² T ¹ A ¹ B. ML ⁻² A ⁻¹ C. ML ² T ² A ⁻¹ D. ML ² T ⁻² A ⁻¹
12	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
13	When a charge is projected perpendicular to a uniform magnetic field, its path is	A. Spiral B. Helix C. Ellipse D. Circular
14	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

15	$e/m =$	<p>A. v/Br B. Br/V C. VB/r D. Vr/B</p>
16	The value of e/m is smallest for	<p>A. Proton B. Electron C. Beta particle D. Positron</p>
17	The sensitivity of galvanometer directly depends upon	<p>A. Magnetic field B. Area of coil C. Both a and b D. None of a, b, c</p>
18	The vector sum of electric force and magnetic force is called:	<p>A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force</p>
19	The Grid 'G' in cathode ray oscilloscope.	<p>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</p>
20	For a current carrying solenoid the term 'n' has unit as.	<p>A. No unit B. m^{-1} C. m^{-2} D. m^{-3}</p>