

## Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of magnetic induction Tesla is equal to	A. N-1 Am B. NA m2 C. NA-1n2 D. NA-1m-1
2	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
3	The unit of permiability of free space is:	A. T.m/A B. T.m <sup>2</sup> /A C. T.m/A <sup>2</sup> D. None of these
4	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
5	Galvanometer is sensitive when C/BAN is	A. zero B. Large C. small D. Negative
6	The name of the scientist who noted that a compass needle was deflected when placed near the current carrying conductor	A. Henry B. Faraday C. Coloumb D. Oersted
7	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
8	The SI unit of magnetic permeability is.	A. WbA-1m-1 B. Wbm-2 C. WbmA-1 D. WbAm-1
9	μ <sub>∘</sub> (Ampere's constant) has value.	A. 4πx10 <sup>-7</sup> WbA <sup>-1</sup> m <sup>-1</sup> B. 4πx10 <sup>-17</sup> Wbm <sup>2</sup> C. 4πx10 <sup>7</sup> WbA <sup>-1</sup> D. 4πx10-27 Wb/m <sup>2</sup> D. 4πx10-27 Wb/m <sup>2</sup>
10	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
11	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
12	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
13	Write the SI unit of magnetic flux.	A. Tesla  B. Weber C. Weber m-2 D. Tesla m2
14	Current passing through the coil of galvanometer	A. CO/BAN B. Con /BA C. NAB/CO D. AN/BCO

15	If a charge is at rest in a magnetic field then force on charge is	B. Double C. One fourth D. Four times
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 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 spoon screen     D. To accelerate and focus the electrons
18	For a current carrying solenoid the term 'n' has unit as.	A. No unit B. m <sup>-1</sup> C. m <sup>-2</sup> D. m-3
19	Question Image	D. None of the above
20	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