

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
2	A charged particle enters in a strong magnetic field its K.E.	A. Remain constant B. Increases C. Decreases D. Increases then decreases
3	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force
4	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
5	_____ is correct relation.	A. $IT = 10^{-4} G$ B. $IT = 10^{-4} G$ C. $IT = 10^{-2} G$ D. $IT = 10^{-2} G$
6	A dot represents the direction of magnetic field.	A. Out of page B. Into the page C. Tangent to page D. Parallels to page
7	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.
8	Write the SI unit of magnetic flux.	A. Tesla B. Weber C. Weber m ⁻² D. Tesla m ²
9	The SI unit of E is NC ⁻¹ and that of B is Na ⁻¹ m ⁻¹ then the unit of E/B is.	A. ms ⁻² B. ms C. ms ⁻¹ D. m ⁻¹ s ⁻¹
10	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
11	Potentiometer is used to.	A. Compare emf of two cells B. Detect internal resistance of cell C. Measure P.D. D. All of these
12	Kirchhoff's voltage rule is a way of stating conservation of.	A. Mass B. Charge C. Energy D. Momentum
13	Kirchhoff's first rule is the manifestation of the law of conservation of.	A. Mass B. Charge C. Energy D. Momentum
14	An ideal current source shall have resistance	A. Zero B. Finite but not zero C. Infinite D. Depend upon requirement
15	Which one of the following bulbs has the least resistance.	A. 100 W B. 200 W C. 500 W D. 1000 W

D. 1000 W

16 What is the resistance of carbon resistor which has band brown black brown.

- A. 100 Ohm
- B. 1000 Ohm
- C. 10 Ohm
- D. 1.0 Ohm

17 Resistance tolerance of silver band is.

- A. 10%
- B. 6%
- C. 7%
- D. 5%