

Physics Fsc Part 1 Full Book Online Test

Sr	Questions	Answers Choice
1	When a charged particle is projected perpedicular to uniform magnetic field, its trajectory is.	A. A circle B. Ellipse C. A helix D. Straight line
2	The SI unit of magnetic induction or flux density is.	A. Tesla B. Gauss C. Ampere D. Weber
3	The SI Unit of magnetic flux is.	A. Weber B. N m-1 C. N m A-1 D. Both a and c
4	Total number of magnetic lines of foce passing normally through unit area is called.	A. Flux density B. Magnetism C. Flux D. Magnetic flux
5	A 0.50 T field over an area of 2 m2 ehich lies at angle of 60 degree to the field, then the magnetic flux is.	A. 0.50 weber B. 0.866 weber C. 0.75 weber D. 4 weber
6	The number of magnetic lines of force passing through any furface is known as.	A. Magnetism B. Electric flux C. Magnetic flux D. Flux density
7	If the current passing through a wire in a magnetic fiedl is doubled, the magnetic force would become.	A. Twice B. Six times C. Five times D. Four times
8	Two free parallel straight wires carrying curreint int he same direction	A. Attract each other B. Repel each other C. Do not affect each other D. Get rotated
9	Two free parallel straight wires carrying currents inthe opposite direction	A. Do not affect wach other B. Repel each other C. Attract each other D. Get rotated
10	If electric current flows from top towards the bottom through a wire then the direction of lines of force would be .	A. Parallel to the wire B. Perpendicular to the wire C. Clockwise around the wire D. Anticlockwise around the wire
11	The direction of line of magetic force can be found by	A. Right hand rule B. Left and rule C. Hund's rule D. Left and right hand rules
12	If a current is passing through a wire, the magnet lines of fore are.	A. Concentric circles B. Parallel to the wire C. Perpendicular to the wire D. Inclined to the wire
13	A magnetic compass will be deffected if it is kept near a	A. Charge of motion B. Charge at rest C. Both a and b D. None
14	What is teh value of the current in a wire of 10 cm long of the right angle to a uniform magentic field of 0.5 1weber/m2 when the force acting on the wire is 5 N?	A. 1 A B. 100 A C. 10 A D. 1000 A
		A. Electric current

15	A changing magnetic field produces	B. Changing electric fiedlC. Magnetic fieldD. Conservative field
16	Magnetic field is detected by	A. Ammeter B. Galvanometer C. Magnetic compass D. Avometer
17	One of the following quantities that is not affected by the magentic field is	A. Moving charge B. Change in magenetic flux C. Current flowing in conductor D. Stationary charge