

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above
2	In Series resonance circuit the impedance of circuit art resonance frequency, is	A. Maximum B. Minimum C. It is unequal to R D. None of above
3	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipes
4	The leV =	A. 1.6x10-19C B. 1.6x10-11J C. 1.6x10-19J D. 1.6x10-11C
5	The magnetic flux will be max, For an angle of:	A. 0 ° B. 60 ° C. 90 ° D. 180 °
6	The current through a resistance of 100 Ohm when connecting across a source of 220 V is.	A. 22000 A B. 22 A C. 2.2 A D. 0.45 A
7	The reactance of inductor depends upon	A. L D. All of the above
8	For computation of electric flux, the surface area should be.	A. Parallel B. Flat C. Curved D. Spherical
9	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. 2 q C. Q/2 D. Zero
10	Electron volt is unit of:	A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy
11	The phase angle of a series RLC circult at resonant frequency is	A. 1/2 B. sigma C. Zero D. sigma /4
12	De-Broglie waves are associated with	A. Moving charged particles only B. Moving neutral particles only C. All moving particles D. All parties whether in motion or at rest
13	The unit of magnetic induction B is	A. Coulomb B. Ampere C. Coulomb/ampere D. Weber/m ²
14	How many times, the alpha particle is more massive than electrons.	A. 6332 B. 7332 C. 8332

		D. 9332
15	A diode characteristics curve is a plot between	A. Current and resistanceB. Voltage and timeC. Voltage and currentD. Current and time
16	The mass of proton in amu is:	A. 1.07276 B. 1.7276 C. 1.007276 D. 1.0007276
17	The slope of q-t curve at any instant of time gives.	A. Voltage B. Current C. Charge D. Botha a and b
18	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
19	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
20	A current generator device converts:	A. Mechanical energy into chemical energy B. Chemical energy into electrical energy C. Mechanical energy into electrical energy D. Both b and c