Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Electric flux is a:	A. Scalar quantity B. Vector quantity C. Variable quantity D. None of these
2	Magnetic flux density is measured in	A. Weber B. Weber/m2 C. Tesla -m D. Gauss
3	In self induction A coil is connected in_____ with battery and a rheostat.	A. Parallel B. Series C. Both A and B D. None of above
4	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
5	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
6	The early Greeks believed that matter waves was	A. Discrete B. Continuous C. Both continuous and discrete D. All of above
7	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
8	The resistivity of ----------decrease with the increase in temp	A. Gold B. Silver C. Copper D. Silicon
9	Minority carriers in P-Types , substances are.	A. Electrons B. Protons C. Holes D. Neutrons
10	When platinum is it becomes orange at	A. 500^oC B. 900^oC C. 1100^oC D. 1300^oC
11	The electrical intensity is equal to:	A. -Δr/Δv B. Δv/Δr C. Δv/Δv D. -Δv/Δr
12	In A.C. inductor behaves as	A. Capacitor B. Resistor C. Commutator D. Transistor
13	When a coil is moved in a uniform magnetic field, an induced emf is produced due of change in	A. Flux density B. Electric flux C. Magnetic flux D. Magnetic field strength
14	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change D. Be four time
15	The value of e/m is smallest for	A. Proton B. Electron C. Beta particle D. Positron

16	If force in the direction of velocity of conductor, then induced current is directed,	A. Anti clockwise B. Clock wise C. At equilibrium D. None of above
17	In a certain circuit, $I_B = 40\ \mu A$, $I_C = 20\ mA$	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
18	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
19	The potential difference across the depletion region of germanium is.	A. 0.3 V B. 0.5 V C. 0.7 V D. 0.8 V
20	The natural frequency of L.C circuit is equal to	