

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
3	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
4	A charge on 4 coulomb is in the field of intensity 4NC the force on the charge is.	A. Uniform B. Non uniform C. Weak D. Strong
5	Domains are existed in	A. Ferromagnetic materials B. Paramagnetic materials C. Semi conductors D. Diamagnetic materials
6	In A.C circuit of inductor which one is true	A. Voltage leads current by phase angle $\pi/2$ B. Voltage lags current by $\pi/2$ C. Current leads voltage by $\pi/2$ D. Both remain in phase
7	A two inputs NAND gat with inputs a and b has an output '0' if.	A. B is zero B. A is zero C. Both A and B are 1 D. Both A and B are '0'
8	Charge carriers in electrolytes are.	A. Protons B. Electrons C. Holes D. Positive and Negative ions
9	Which one of the following is polymeric solids	A. Glass B. Nylon C. Copper D. Zinc
10	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
11	The fraction change in resistance per Kelvin is known as:	A. Temperature coefficient of Resistance B. Coefficient of voltage of change C. Thermal expansion D. All of the above
12	Sensitivity of a galvanometer can be increased by	A. Decreasing the value of torsional couple B. Decreasing number of turns C. Decreasing area of plane of coil D. Decreasing magnetic field
13	Unit of self inductance is	A. Weber B. Tesla C. Henry D. Farad
14	The sum of positive and negative peak value called.	A. R.M.S. value B. P-P value C. Peak value D. Average value

15	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
16	If the frequency of A.C. supplied is doubled then the capacitive reactance becomes.	A. Half B. Two C. Four times D. One fourth
17	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted
18	When gama rays are emitted, the nuclear mass.	A. Decreases by 4 units B. Does not change C. Increases by 2 units D. Increase by 1 unit
19	The Unit of decay constant.	A. Second B. (second) <sup>-1</sup> C. m <sup>-1</sup> D. mk
20	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark