

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Bremsstrahlung radiation are examples of	A. Atomic spectra B. Molecular spectra C. Continuous spectra D. Discrete spectra
2	The velocity of electron moving is 1st orbit of hydrogen atom is:	A. $2.09 \times 10^6 \text{ ms}^{-1}$ B. $2.18 \times 10^6 \text{ ms}^{-1}$ C. $2.19 \times 10^6 \text{ ms}^{-1}$ D. $3.18 \times 10^6 \text{ ms}^{-1}$
3	Lorentz force means the force acting on a particle, which is	A. Magnetic force only B. Electric force only C. Sum of electric and magnetic force D. None of these
4	The concept of direction is purely	A. Relative B. Absolute C. Relative to the motion D. None of these
5	Lenz's law presented in	A. 1834 B. 1934 C. 1826 D. 1836
6	In case of capacitor, the unit of reactance is	A. Farad B. Ohm C. Newton D. All of these
7	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
8	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
9	For electromagnetic waves, Maxwell generalized	A. Gauss law for magnetism B. Gauss law for electricity C. Faradays law D. Amperes law
10	A charge on 4 coulomb is in the field of intensity $4 \text{ NC}$ the force on the charge is.	A. Uniform B. Non uniform C. Weak D. Strong
11	Which one of the following is ductile substance.	A. Copper B. Lead C. Wrought iron D. All of them
12	The number of electrons in one coulomb charge is equal to	A. $6.2 \times 10^{18}$ electrons B. Zero electrons C. $1.6 \times 10^{22}$ electrons D. $6.2 \times 10^{21}$ electrons
13	Weber is the unit of	A. Magnetic flux B. Permeability C. magnetic force D. None of above
14	The electric flux through closed surface depends upon	A. Charge B. Medium C. Geometry D. Charge and Medium

15	The sensitivity of galvanometer directly depends upon	A. Magnetic field B. Area of coil C. Both a and b D. None of a, b, c
16	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
17	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
18	The unit of strain is:	A. Nm B. $\text{Nm}^{-2}$ C. no unit D. $\text{Nm}^2$
19	If $1 \times 10^7$ electrons passes through a conductor in 1.0 micro second , then the current is.	A. 2 A B. 1.6 A C. $2.6 \times 10^{-6}$ A D. $1.6 \times 10^{-6}$ A
20	Which of the following has least hysteresis loop area.	A. Steel B. Wrought Iron C. Soft Iron D. Cobalt