

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
3	Iodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
4	An inductor may store energy in	A. Its magnetic field B. Its coil C. Its electric field D. A neighboring circuit
5	An electron moves at 2×10^2 m/sec perpendicular to magnetic field of 2T what is the magnitude of magnetic force:	A. 1×10^{-6} N B. 6.4×10^{-17} N C. 3.6×10^{-24} N D. 4×10^6 N
6	The value of Rydberg constant is	A. $1.0974 \times 10^{7} \text{ m}^{-1}$ B. $1.0974 \times 10^{-7} \text{ m}^{-1}$ C. $1.0974 \times 10^6 \text{ m}^{-1}$ D. $1.0974 \times 10^{-6} \text{ m}^{-1}$
7	If an object moves with speed of light, its mass will be.	A. Zero B. Maximum C. Minimum D. infinity
8	The critical temperature of Aluminum is.	A. 3.72 K B. 1.18 K C. 7.2 K D. 8.2 K
9	split rings are used in	A. A.C. generator B. A.C. motor C. Transformer D. D.C. motor
10	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
11	A solid in which there is not regular arrangement of molecules is called.	A. Glassy solid B. Amorphous solid C. Crystalline solid D. Both a and b
12	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
13	The direction of induced current is always so as to oppose the change which causes the current, this is the statement of	A. Lenz's law B. Faraday's law C. Ampere's law D. Coulomb's law
14	A photon while passing through a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these

15	Lorentz force means the force acting on a particle, which is	<p>A. Magnetic force only B. Electric force only C. Sum of electric and magnetic force D. None of these</p>
16	In according with Bohr's theory the K.E of the electron is equal to:	<p>A. $\frac{ke^2}{2r}$ B. $\frac{Ze^2}{r}$ C. $\frac{Ze^2}{r^2}$ D. $\frac{Ze^2}{2r^2}$</p>
17	A particles equal or greater in mass than of protons are called.	<p>A. Baryons B. Leptons C. Mesons D. Quarks</p>
18	A proton consists of quarks which are.	<p>A. Two up, one down B. One up, two down C. All up D. All down</p>
19	A Current flowing towards the reader is denoted by.	<p>A. Cross B. a bracket C. A dot D. Positive sign</p>
20	A block body is an ideal:	<p>A. Absorber B. Radiator C. Both a & b D. None of above</p>