

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Pair production occurs only when energy of photon is at least equal in:	A. 1.02keV B. 1.02 eV C. 1.02 MeV D. 1.02 GeV
2	A photo diode can turn its current ON and OFF in	A. Micro seconds B. Mega seconds C. Nano seconds D. Mili seconds
3	The conductor experience force, placed in magnetic above:	A. Move towards weaker part of field B. Move towards stronger part of field C. Remains at rest D. Move upwards in space
4	Energy released by conversion of 1 amu is	A. 200 MeV B. 931 MeV C. 233 MeV D. 243 MeV
5	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
6	If the medium between the charges is not free space then electrostatic force will.be	A. Increase B. Decrease C. Remain same D. None of these
7	The electric potential at a mid point in an electric dipole is.	A. 0 V B. 0.5 V C. 1 V D. 1.5 V
8	Magnetic effect of current is used	A. To detect a current B. To measure a current C. In electric motor D. All of above
9	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
10	NIBA =	A. $c\theta$ B. $\theta/c$ C. $c^2/\theta$ D. $c^2/\theta$
11	The rod of unit length is moving at 30 o through a magnetic field of 1 T. If the velocity of rod is 1 m/s, then induced emf in the rod will be given by	A. 1 V B. 0.25 V C. 0.5 V D. 0.6 V
12	Study of hydrogen visible spectrum in	A. 1886 B. 1887 C. 1895 D. 1885
13	Electromagnetic induction obeys law of conservation	A. Charge B. Energy C. Momentum D. Mass
14	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
15	Electric potential of earth is taken to be zero because the earth is good:	A. Semiconductor B. Conductor C. Insulator D. Dielectric

16	The mass of protons is:	A. $1.675 \times 10^{-27}$ kg B. $1.693 \times 10^{-27}$ kg C. $1.673 \times 10^{-31}$ kg D. $1.673 \times 10^{-27}$ kg kg&nbsp;nbsp;
17	The line radiations emitted from by hydrogen filled discharge tube can be analyzed into.	A. Band spectrum B. Line spectrum C. Continuous spectrum D. Absorption spectrum
18	If the frequency of A.C. supplied is doubled then the capacitive reactance becomes.	A. Half B. Two C. Four times D. One fourth
19	For non-ohmic devices, the graph between V and I is	A. Not a straight line B. A straight line C. A curve D. All of above
20	The output of two input is zero only when its.	A. Both inputs are zero B. Either input is zero C. Both inputs are one D. Either input is one