

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	In gas the charge carriers are:	A. Electrons B. Ions C. Both a & b D. None of above
2	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
3	If the energy of photon is 10 eV and work function is 5 eV, then the a value of stopping potential will be	A. 50 V B. 2 V C. 5 V D. 15 V
4	An electromagnetic wave goes from air to glass which of the following does not change?	A. Radio waves B. X-rays C. Ultra violet radiation D. Ultra sound waves
5	The use of LDR is in the circuit of.	A. Logic gate B. Rectifier C. Oscillator D. High Switch
6	Electro encephalogram is the diagnostic test for the working of.	A. Eye B. Heart C. Brain D. Lungs
7	The powers of two electric bulbs are 100w and 200w. Which are connected to power supply of 220 V. The ratio of resistance of their filament will be:	A. 1 <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">:2</span> B. 2 <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">:1</span> C. 1 <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">:3</span> D. 4 <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">:3</span>
8	In Compton scattering, the value of shift is equal to Compton's wavelength, when X-rays is scattered at the angle of.	A. 90 <sup>o</sup> B. Zero C. 120 <sup>o</sup> D. 45 <sup>o</sup>
9	The algebraic sum of potential change in a closed circuit is zero.	A. Kirchhoff's 1st rule B. Kirchhoff 2 <sup>nd</sup> rule C. Kirchhoff 3 <sup>rd</sup> rule D. Kirchhoff 4 <sup>th</sup> rule
10	Which one of the following resistance is used to convert a Galvanometer into an ammeter.	A. High resistance B. Low resistance in series with galvanometer C. Shunt D. High resistance in series with galvanometer
11	An atom can reside in excited state for	A. 10 <sup>-8</sup> second B. One second C. 10 <sup>-10</sup> second D. More than one second
12	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
13	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these

---

14	The minimum frequency needed to emit an electron from metal surface is called:	A. Work function B. Threshold frequency C. Quanta frequency D. All of above
15	Binding energy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
16	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high D. None of the above
17	The idea of laser device was first introduced by C.H. Townes and Authers Schowlan is	A. 1972 B. 1965 C. 1958 D. 1913
18	DC generator by William Sturgeon in:	A. 1894 B. 1961 C. 1834 D. 1961
19	Soft magnetic material is	A. Sodium B. Steel C. Iron D. Copper
20	Electron volt is unit of:	A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy

---