

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
3	Which type of impurity is to be added to a pure semi conductor crystal to provide holes.	A. Monovalent B. Trivalent C. Tetravalent D. Pentavalent
4	Michael Faraday and Joseph Henry belongs to	A. England and USA B. France and USA C. China and USA D. None of these
5	In a certain circuit, $I_B = 40 \mu A$ , $I_C = 20 \text{ mA}$	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
6	Which is not characteristic of Laser.	A. Monochromatic B. Coherent C. Intense D. Multi direction
7	Which is true for both alpha particle and gama rays.	A. They cause ionization in air B. They can be deflected by electric field C. They can be deflected by magnetic field D. The y can penetrate a few millimeters of aluminium
8	A resistance frequency the impedance of RLC parallel circuit is.	A. Zero B. Infinite C. Maximum D. Minimum
9	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
10	Which is not true for X rays	A. X rays are not deflected by electric field B. X rays are polarized C. X rays consist of electromagnetic waves D. X rays can be diffracted by grating
11	The number of neutrons in Li are	A. 2 B. 3 C. 4 D. 7
12	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipes
13	Electrons are	A. Hadrons B. Laptons C. Quarks D. Baryons
14	If the separation between the plates of a capacitor is doubled then its capacitance become.	A. Double B. Half C. One fourth D. Three times

15	For ohmic device the graph between V and I is.	A. A straight line B. Curve C. Hyperbola D. Parabola
16	The power factor of RL series circuit is.	A. 0 B. 1 C. Less than 1 D. More than one
17	Heat energy is converted into electrical energy.	A. Solar cells B. thermocouples C. Electric generators D. None of above
18	An ideal current source shall have resistance	A. Zero B. Finite but not zero C. Infinite D. Depend upon requirement
19	The impurity in the germanium is usually in the ratio of	A. $1:10^6$ B. $1:10^4$ C. $1:10^8$ D. $1:10^{10}$
20	The series in infrared region is:	A. Paschen series B. Bracket series C. Pfund series D. All of above