

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
Si		A. upward
1	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	B. To ward right C. Down ward D. Toward left
2	The charge number of Ba is.	A. 197 B. 141
		C. 56 D. 85
3	The field is strong and uniform.	A. Inside the solenoid     B. Surrounding of solenoid externally     C. Perpendicular to solenoid     D. All of above
4	When platinum is heated is become dull red at:	A. 900°C B. 500°C C. 800°C
		D. 1100°C
5	At high frequency, the current through a capacitor is	A. Small B. Infinity C. Zero D. Large
6	The electric potential at a mid point in an electric dipole is	A. 0 V B. 0.5 V
0	The electric potential at a mid point in an electric dipole is.	C. 1 V D. 1.5 V
7	A semiconductor in its extremely pure form is known as:	A. Intrinsic B. Extrinsic C. Both a and b
		D. None of above
8	Curie is unit of.	A. Conductivity     B. Binding energy     C. <div>Radioactivity</div> D. Resistivity
9	The stopping potential for a certain metal is 10 volts. Thus work function for the cathode is.	A. 10 J B. 1.6 X 10 <sup>-18</sup> J C. 1.6 X 10 <sup>-19</sup> J D. 1.6 X 10 <sup>30</sup> J
10	The middle region of electric field is:	<ul><li>A. Maximum field spot</li><li>B. Zero field spot</li><li>C. Perpendicular field spot</li><li>D. All of above</li></ul>
11	Presence of dielectric between two charges always.	A. Reduces the electric force B. Enhance the electric force C. Does not effect electric force D. Double the electric force
12	Pair production cannto take place in vacuum because :	A. Mass in not conserved B. Momentum is not conserved C. Energy is not conserved D. Charge is not conserved
13	For computation of electric flux, the surface area should be.	A. Parallel B. Flat C. Curved D. Spherical
		A. LED
14	Which diode works at reverse biasing.	B. Photo voltaic cell C. Photo diode D. Silicon diode
15	The absolute electric potential at a point distance 20 cm from a charge of 2 uC is.	A. 9 x 10 <sup>2</sup> V B. 9 x 10 <sup>3</sup> V C. 9 x 10 <sup>4</sup> V D. 9 x 10 <sup>5</sup> V

16	When a charge is projected perpendicular to a uniform magnetic field, tis path is	A. Spiral B. Helix C. Ellipse D. Circular
17	Which one pair belongs to acceptor impurity.	A. Aresincl, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium
18	Energy produced due to fission of uranium atom is:	A. 500MeV B. 200MeV C. 700MeV D. 750MEV
19	The sensitivity of galvanometer is given by	A. CAN/B B. C/BAN C. BAN/C D. BN/CA
20	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes