Physics FSC Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	Selenium is a	A. Insulator B. Photoconductor C. Conductor D. First insulator then conductor
2	If the potential difference across two plates of capacitor is doubled, then energy stored in it will be.	A. Two times B. Eight times C. Four times D. Remain same
3	A proton is about 1840 time than an electron. When it is accelerated by a potencial difference if 1 kV, its kinetic energy will be:	A. 1884 ke V B. 1/1840 keV C. 1 keV D. 920 keV
4	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
5	Net charge enclosed by Gaussian surface is:	A. zero B. maximum C. depend on intensity D. none of all
6	The electric intensity due to two oppositely charged plates is	D. None of these
7	Intensity of field inside a hollow charged sphere will be.	A. Negative B. Unaffected C. Zero D. Maximum
8	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
9	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge
10	Gauss's law can only be applied to.	A. A curved surface B. A flat surface C. A closed surface D. A surface of any shape
11	When the medium is insulator the elecrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
12	Coulomb /volt is called.	A. Farad B. Ampere C. Joule D. Henry
13	Farad is defined as	A. "Coulomb/Volt B. Ampere /Volt C. Coulomb /Joule D. Volt/Coulomb
14	the force between two charge is 28 N. If paraffin wax of relative permittivity 2.8 is introduced between the charges as medium, then the force reduces to.	A. 25 N B. 20 N C. 10 N D. 15 N
15	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
16	In Millikan's oil drop experiment a charged particle of mass 'm' is in equilibrium in an will	A. Zero B. g/2 C. g

		D. 2g
17	The amount of energy equal to 1.6×10^{-18} J is called.	A. One volt B. One milli volt C. One electron volt D. One mega electron volt
18	If the distance between two charges is halved and charges are also doubled, then force between them will be.	A. Two time B. Four time C. Eight time D. Sixteen time
19	If F1 and F2 are teh magnetic forces acting on a particle and electron respectively when moving perpendicular to the magnetic field then.	A. F1=F2 B. F1>F2 C. F1<F2 D. F1 = 4F2
20	The number of lines per unit area passing perpendicular through an area is called	A. Flux B. Electric intensity C. Both (a) , (b) D. None of these