Physics ICS 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	The electric field created by positive charge is:	A. Radially outward B. Circular C. Radially inward D. Zero
3	Charge carriers in electrolytes are.	A. Protons B. Electrons C. Holes D. Positive and Negative ions
4	NC-1 is the SI unit is	A. Force B. Charge C. Current D. Electric intensity
5	Some charge is being given to a conductor. Then its potencial	A. Its maximum at surface B. Its maximum at Its maximum at center C. Is remain same throughout the conductor D. Is maximum somewhere between surface and centre
6	A charge on 4 coulomb is in the field of intensity 4N/C the force on the charge is.	A. Uniform B. Non uniform C. Weak D. Strong
7	Electric potential at a distance "r" from "q" is:	A. $V_r = 1/54\pi\varepsilon_\circ q/r^2$ B. $V_r = 1/4\pi\varepsilon_\circ^2 q/r$ C. $V_r = 1/4\pi\varepsilon_\circ 2q/r$ D. $V_r = 1/4\pi\varepsilon_\circ q^2/r$
8	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
9	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
10	A charge Q is divided into tweo parts q and Q-q and seperated by a distance R. The force of equilibrium between them will be maximum when:	A. q=Q/4 B. q=Q/2 C. q=Q D. None of these
11	A force of 0.01 N is exerted on a charge 1.2×10^{-5} C at a certain point. The electric field at that point is	A. 1.2×10^4 N/C B. 1.2×10^4 C/N C. 8.3×10^2 N/C D. 8.3×10^{-2} N/C
12	The relative permitivity of air is	A. 79.5 B. 1.006 C. 1.06 D. 1.0006
13	Identify the practical application of electrostatic force.	A. Inkjet printer B. x rays C. Laser D. A.C. Generator
14	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge
	If the distance between two charges is halved, the force between them should be	A. Two time B. Four time

15	If the distance between two charges is halved and charges are also doubled, then force between them will be.	B. Four time C. Eight time D. Sixteen time
16	Coulomb's force is:	A. Conservative force B. None conservative force C. Similar to frictional force D. None of the above
17	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
18	Coulomb /volt is called.	A. Farad B. Ampere C. Joule D. Henry
19	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. `.Electro magnetism D. Electrostatics
20	Electric intensity due to an infinite sheet of charge is:	A. $\partial/2\varepsilon_\circ$ B. $\partial/r\varepsilon_\circ$ C. $\partial/r2\varepsilon_\circ$ D. none of these