Physics ICS Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	The toner of printer is given	A. Positive charge B. Negative charge C. Neutral D. First positive then negative
2	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
3	Electron volt is the unit of.	A. Potential B. Potential difference C. Electric current D. Electric energy
4	Coulomb's force is:	A. Conservative force B. None conservative force C. Similar to frictional force D. None of the above
5	The work done is bringing a unit positive charge from infinity to that point in an electric field is called.	A. Potential B. Potential difference C. Absolute potential D. All of these
6	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted
7	The capacitance of a capacitor depends upon.	A. Thickness of plates B. Charges on the plates C. Voltage applied D. Geometry of the capacitor
8	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
9	S.I unit of strength of electric field is	A. J/C B. C/V C. V/C D. N/C
10	NC-1 is the SI unit is	A. Force B. Charge C. Current D. Electric intensity
11	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
12	Which one of the following is correct	A. D. All of above
13	Electric potencial of earth is taken to be zero because the earth is good:	A. Semiconductor B. Conductor C. Insulator D. Dielectric
14	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
15	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electrical

		D. Electric charge
16	The electric field created by positive charge is:	A. Radially outward B. Circular C. Radially inward D. Zero
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	The number of electrons in one coulomb charge is equal to	A. 6.2×10^{18} electrons B. Zero electrons C. 1.6×10^{-22} electrons D. 6.2×10^{21} electrons
19	One of the applications of electrostatic induction is	A. Laser B. Photocopier C. X ray machine D. Wilson cloud chamber
20	if time constant in RC series circuit is small, then capacitor is charged or discharged.	A. Slowly B. Rapidly C. At constant rate D. Intermittently