

Physics ICS Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	Presence of dielectric always.	A. Increase the electrostatic force B. Reduces the electrostatic force C. Do not effect electrostatic force D. Doubles the electrostatic force
2	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. $2q$ C. $Q/2$ D. Zero
3	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge
4	If the distance between the two charged bodies is halved, the force between them becomes.	A. Double B. Half C. Four times D. One times
5	Closeness of the electric field lines is the measure of.	A. Direction of field B. Strength of field C. Potential difference D. Uniformity of field
6	Coulomb's force is:	A. Conservative force B. None conservative force C. Similar to frictional force D. None of the above
7	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
8	The relative permittivity of air is	A. 79.5 B. 1.006 C. 1.06 D. 1.0006
9	A proton is about 1840 time than an electron. When it is accelerated by a potential difference if 1 kV, its kinetic energy will be:	A. 1884 ke V B. $1/1840$ keV C. 1 keV D. 920 keV
10	Net charge enclosed by Gaussian surface is:	A. zero B. maximum C. depend on intensity D. none of all
11	If a charge body moved against the electric field it will again	A. Potential energy B. K.E C. Mechanical Energy D. Electric potential energy
12	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted
13	The electrons in one coulomb change is equal to.	A. 1.6×10^{-19} B. 2.25×10^{-19} C. 6.25×10^{-18} D. 6.25×10^{-19}
14	When some di electric is inserted between the plates of a capacitor, then capacitance.	A. Decreases B. Increases C. Becomes zero D. Becomes infinity
15	Identify the practical application of electrostatic force.	A. Inkjet printer B. x rays C. Laser D. A.C. Generator

16	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
17	Drum of photocopier is made of.	A. Copper B. Aluminum C. Nickel D. Cobalt
18	One of the applications of electrostatic induction is	A. Laser B. Photocopier C. X ray machine D. Wilson cloud chamber
19	The product of resistance and capacitance is.	A. Velocity B. Force C. Acceleration D. Time
20	Special organs called ampullae of Lorenzini are present in.	A. Bats B. Cats C. Dogs D. Sharks