

Physics 10th Class English Medium Unit 4 Online Test

Sr	Questions	Answers Choice
1	Coulomb's law is mathematically stated as:	A. $F = k q_1 q_2 / r^3$ B. $F = k q_1 q_2 / r^2$ C. $F = k q_1 q_2 / r$ D. $F = k q_1 q_2 / r^2$
2	If a charged body is brought near a negatively charged electroscope and the leaves of electroscope diverge, then the body is:	A. Positively charged B. Negatively charged C. Neutral D. None of these
3	Electric field lines of force were first introduced by:	A. Ampere B. Farady C. Fleming D. Coulomb
4	Which device is used to store charge:	A. Resister B. Capacitor C. Dielectric D. Fuse
5	In the presence of a charged body, an insulated conductor develops positive charge at one end and negative charge at the other end, this is called:	A. Electrostatics B. Electrostatic induction C. Magnetism D. Electromagnetic induction
6	If we double the distance between two charges, what will be the change in the force between them?	A. Half B. Double C. One fourth D. Four times
7	Unlike charges always:	A. Repel each other B. Attract each other C. Sometimes repel and attract each other D. Both A and B