

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The S.I unit of electric current is:	A. Volt B. Ampere C. Coulomb D. Watt
2	Mathematical formula of capacitance of a capacitor is:	A. $C = QV$ B. $C = Q/V$ C. $C = V/Q$ D. $C = V^2/Q$
3	The S.I unit of electric potential is:	A. Watt B. Joule C. Coulomb D. Volt
4	The SI unit of electric field intensity is:	A. NC-2 B. NC-1 C. Ns D. Nm-1
5	Field around a charge in which that charge exerts a force on a point charge brought in that field is called:	A. Electric field B. Magnetic field C. Neutral zone D. Point charge
6	A positive electric charge:	A. Attracts other positive charge B. Repels other positive charge C. Attracts a neutral particle D. Repels a neutral particle
7	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. $F = k q_1 q_2 / r^2$
8	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
9	Electric field lines of force were first introduced by:	A. Ampere B. Faraday C. Fleming D. Coulomb
10	Which device is used to store charge:	A. Resistor B. Capacitor C. Dielectric D. Fuse
11	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
12	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