

PPSC Physics Chapter 6 Electricity and Magnetism

Sr	Questions	Answers Choice
1	in the region where the field lines are parallel and equally spaced, the field is.	A. Zero B. Uniform C. Non uniform D. Negative
2	The direction of electric field line surround the test charge -q is	A. Parallel B. Perpendicular C. Radially outward D. Radially inward
3	The potential difference between two points is equal to the difference of	A. Kinetic energy B. potential energy C. Electric current D. Charge energy
4	If air is replaced by any other dielectric medium, the force between two charges.	A. Decreases B. Increases C. Remain the same D. Becomes infinity
5	Which of the following statements is wrong.	A. Charge is quantized B. Charge is conserved C. There is not field near an isolated charge at rest D. A moving charge produces both electric and magnetic field.
6	Which one of the following is deflected by an electric field.	A. Alpha particles B. Gamma rays C. Neutrons D. X rays
7	The minimum value of charge on any object is.	A. 1.6×10^{-29} C B. 1.6×10^{-19} C C. 1.6×10^{-9} C D. 1 C
8	The value of electric field intensity is.	A. Volt B. Coulomb C. Newton D. Newton coulomb
9	Electric field lines	A. Start from a negative charge and terminate on a positive charge B. Never cross each other C. Always cross each other D. Leaving a positive charge are not proportional to the magnitude of charge
10	Which is the fundamental quantity in electrostatic.	A. Electric charge B. Electric potential C. Electric field D. Electric field intensity