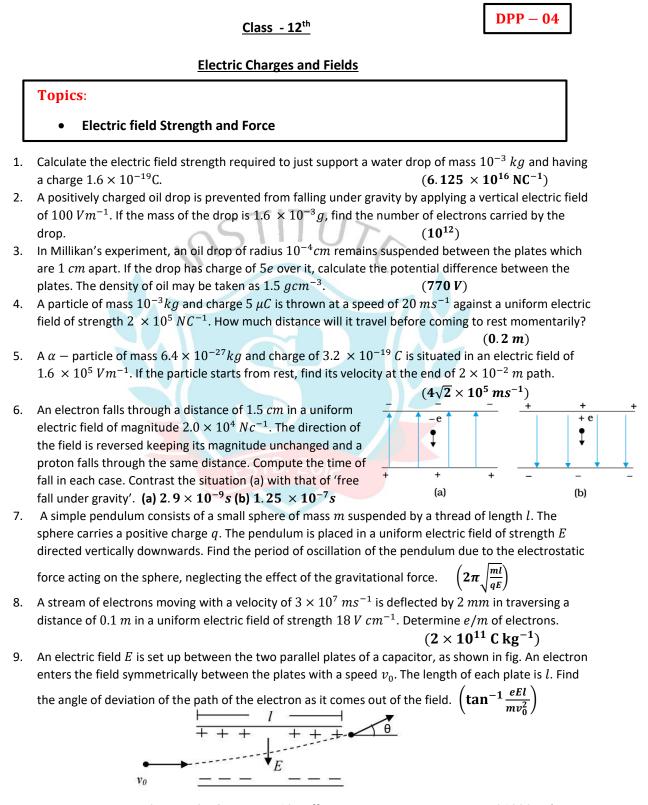
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10. A charged particle, of charge 2 μ C and mass 10 *milligram*, moving with a velocity of 1000 *m/s* enters a uniform electric field of strength $10^3 NC^{-1}$ directed perpendicular to its direction of motion. Find the velocity and displacement, of the particle after 10 *s*. (10000 $\sqrt{2}$ *m*)

Physics by - Nirbhay Sir