Memory-Based Questions

Electric filed due to a very large uniformly charged sheet at a distance of l and $4l$ at points A and B is (surface charge density of sheet is σ)

PHYSICS

a) $E_A = \frac{\sigma}{\epsilon_0}, E_B = \frac{\sigma}{2\epsilon_0}$

b) $E_A = E_B = \frac{\sigma}{2\epsilon_0}$

c) $E_A = E_B = \frac{\sigma}{\epsilon_0}$

d) $E_A = \frac{2\sigma}{\epsilon_0}, E_B = \frac{\sigma}{2\epsilon_0}$

Memory – Based Questions

In the following circuit, the current through the cell is

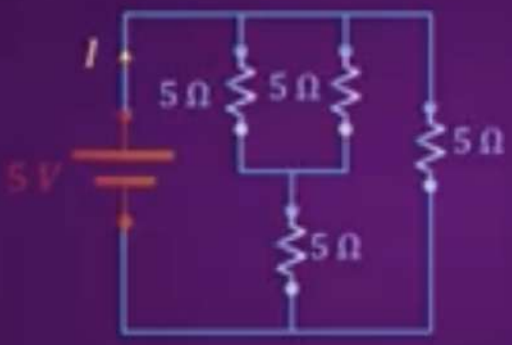
PHYSICS

a $\frac{3}{4}A$

b $\frac{5}{3}A$

c $\frac{5}{4}A$

d $\frac{4}{5}A$



Memory-Based Questions

The ratio of speed of electron in the $3rd$ orbit of He^+ ion to the speed in the $3rd$ orbit of hydrogen atom will be

PHYSICS

a) 1:1

b) 1:2

c) 2:1

d) 4:1

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