Attribution Nidhal Abdulaziz

Tutorial 1 additional solutions

Tut 1

Q.9

$1 \ S, \ Q \qquad 6.242 \times 10^{18} \ e$

$50 \mu A \longrightarrow 5 \ sec. \Longrightarrow Q = 50 \times 10^{-6} \times 5$

$$Q = 250 \mu C$$

$1 \ C' \qquad 6.242 \times 10^{18} \ e$

$250 \mu C' \qquad x ?$

$$x = \frac{250 \times 10^{-6} \times 6.242 \times 10^{18}}{1} = 1.6 \times 10^{15} \ e$$