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## NATIONAL SENIOR CERTIFICATE



**GRADE 12**

**SEPTEMBER 2022**

**PHYSICAL SCIENCES P2 (CHEMISTRY)**

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**MARKS:** 150

**TIME:** 3 hours

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# Physical Science P2 Grade12 Exemplar 2014

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web check your understanding 9 1 the time for  $1.00 \text{ C}$  of charge to flow would be  $\Delta t = \frac{Q}{I} = \frac{1.00 \text{ C}}{0.300 \text{ A}} = 3.33 \text{ s}$   $\Delta t = \frac{Q}{I} = \frac{1.00 \text{ C}}{0.300 \text{ A}} = 3.33 \text{ s}$  slightly less than an hour this is quite different from the  $55 \text{ ms}$  for the truck battery the calculator takes a very small amount of energy to

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increases the voltage dropped across the resistor and hence increases the power consumption

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