DO NOT WRITE IN THIS AREA

7 The current at a point in a circuit is 1.25 A.

Which of the following expressions gives the number of electrons passing the point in 45 seconds?

☒ **A** $\dfrac{1.25 \times 45}{1.60 \times 10^{-19}}$

☒ **B** $\dfrac{1.25 \times 1.60 \times 10^{-19}}{45}$

☒ **C** $\dfrac{1.60 \times 10^{-19}}{1.25 \times 45}$

☒ **D** $\dfrac{45}{1.25 \times 1.60 \times 10^{-19}}$

(Total for Question 7 = 1 mark)