Question Number	Answer		Mark
11	Use of $I = nqvA$ (using dimensionally-correct $A$ ) $v = 7.5 \times 10^{-4} \text{ m s}^{-1}$	(1)	2
	Example of calculation $A = \pi r^2 = \pi (0.40 \times 10^{-3} \text{ m})^2 = 5.0 \times 10^{-7} \text{ m}^2$ $v = \frac{I}{nqA} = \frac{5.1 \text{ A}}{(8.5 \times 10^{28} \text{ m}^{-3})(1.6 \times 10^{-19} \text{C})(5.0 \times 10^{-7} \text{m}^2)}$ $v = 7.5 \times 10^{-4} \text{ m s}^{-1}$		
	Total for Question 11		2