SECTION	B

	Answer ALL questions. Write your answers in the spaces provided.	
11	There is an electric field around a helium nucleus.	
	(a) Calculate the electric potential at a distance 26.6×10^{-12} m from a helium ${}_{2}^{4}$ He nucleus.	
		(3)
	Electric potential =	
	(b) State one assumption made for this calculation.	
		(1)

(Total for Question 11 = 4 marks)