

Question 7**(4 marks)**

A group of students place a metal bar in a DC circuit, as shown in the diagram below. The bar is arranged horizontally between the poles of a horseshoe magnet. When they turn on the switch (K), they notice that the bar moves.



- (a) In which direction is the initial movement of the bar? Circle your answer. (1 mark)

Left

Right

- (b) Explain why the bar moved when the circuit was turned on. (3 marks)
