

Question 4**(4 marks)**

In a Physics experiment, a group of students run a DC current upwards through a 3.5 m long vertical wire.

- (a) Calculate the magnetic field strength 25.1 cm from the vertical wire carrying a current of 2.78 A. (3 marks)

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- (b) Looking from above, which of the following diagrams shows the magnetic field around the wire correctly? (1 mark)

