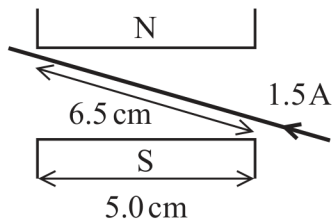7 A current-carrying wire is placed between two magnetic poles as shown. The magnetic flux density in the region between the poles is 0.070 T.

Which of the following gives the magnitude of the force on the wire, in newton, and its direction?

☒ A $0.070 \times 1.5 \times 0.050$ into page

☒ B $0.070 \times 1.5 \times 0.065$ into page

☒ C $0.070 \times 1.5 \times 0.050$ out of page

☒ D $0.070 \times 1.5 \times 0.065$ out of page

(Total for Question 7 = 1 mark)