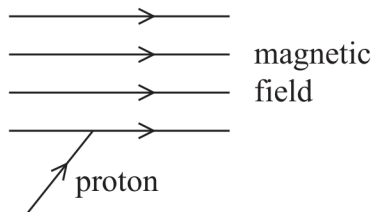


- 7 A proton enters a magnetic field at an angle as shown.



Which of the following gives the direction of the force on the proton as it enters the magnetic field?

- ☐ **A** in the plane of the page at  $90^\circ$  to the direction of the magnetic field
- ☐ **B** in the plane of the page at  $90^\circ$  to the proton velocity
- ☐ **C** into the page
- ☐ **D** out of the page

(Total for Question 7 = 1 mark)