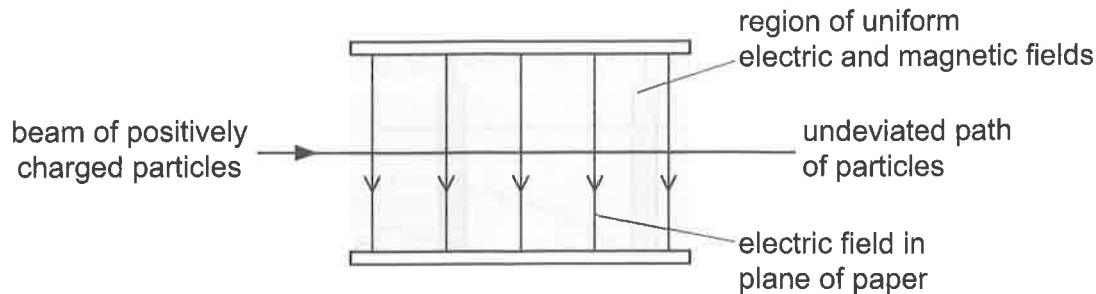


- 26 A beam of positively charged particles enters a region of uniform magnetic and electric fields, as shown.



The electric field is in the plane of the paper and the beam is incident at right angles to the field lines.

A uniform magnetic field is applied so that the beam travels undeviated through the region.

What is the direction of the magnetic field?

- A in the plane of the paper, in the same direction as the electric field
- B in the plane of the paper, in the opposite direction to the electric field
- C perpendicularly into the plane of the paper
- D perpendicularly out of the plane of the paper

- 27 A beam of positively charged particles enters a uniform electric field in a vacuum, as shown