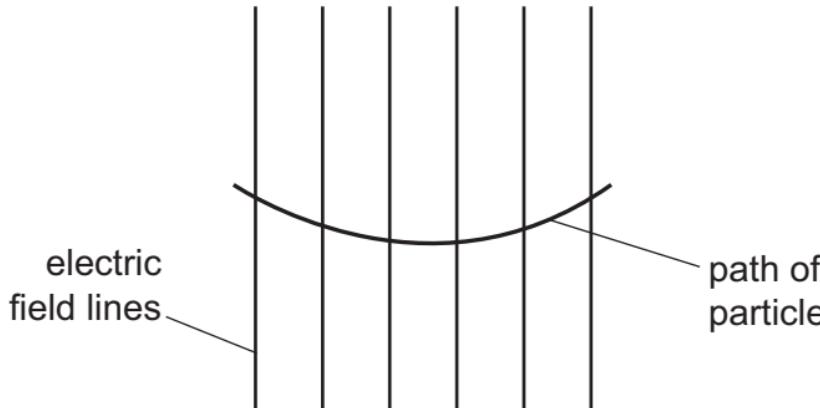


- 30 The diagram shows the path of a charged particle through a uniform electric field, having vertical field lines.



What could give a path of this shape?

- A a positive charge travelling left to right in a field directed downwards
- B a positive charge travelling right to left in a field directed downwards
- C a negative charge travelling right to left in a field directed upwards
- D a negative charge travelling left to right in a field directed downwards

- 31 Two cells X and Y are connected in series with a resistor of resistance 9.0Ω , as shown.