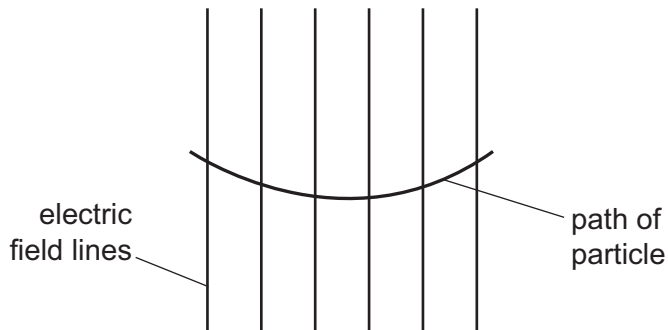


- 30** The diagram shows the path of a charged particle through a uniform electric field, having vertical field lines.



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 0.0Ω as shown