

- 30 Which observation shows that a radioactive source emits **only** α -radiation?
- A The count rate reduces significantly 1 cm away from the source in air.
 - B The count rate reduces significantly when the source is surrounded by a lead block.
 - C The radiation beam is deflected by an electric field perpendicular to it.
 - D The radiation beam remains undeflected by a magnetic field parallel to it.

End of Paper