

- 30** Which one of the following statements is true of both  $\alpha$ -particles and  $\gamma$ -rays?
- A** They cause ionisation of the air when they pass through it.
  - B** They can be detected after passing through a few millimetres of aluminium.
  - C** They can be deflected by magnetic fields.
  - D** They cause a change in the nuclear structure of the radioactive nucleus.

**End of Paper**