

29 Which of the following statements is true?

- A**  $\alpha$  particles can be stopped by 1 m of lead.
- B**  $\beta$  particles can be deflected when travelling parallel to a magnetic field.
- C**  $\gamma$  particles can be stopped by paper.
- D**  $\alpha$ ,  $\beta$  and  $\gamma$  particles are all charged particles.