

**35**  $\alpha$ -particles,  $\beta$ -particles and  $\gamma$ -rays are emitted by radioactive nuclei when they decay.

Which emissions can be deflected by an electric field?

**A**  $\alpha$ -particles,  $\beta$ -particles and  $\gamma$ -rays

**B**  $\alpha$ -particles and  $\beta$ -particles only

**C**  $\beta$ -particles and  $\gamma$ -rays only

**D**  $\gamma$ -rays and  $\alpha$ -particles only