

**35** A beta-particle is a fast-moving electron.

Which statement explains how beta-particles are emitted from an atom?

- A** An electron is emitted as a beta-particle from an inner electron shell of the atom.
- B** An electron is emitted as a beta-particle from an outer electron shell of the atom.
- C** A neutron changes into a proton and a beta-particle is emitted from the nucleus.
- D** A proton changes into a neutron and a beta-particle is emitted from the nucleus.