

8 Which of the following statements does **not** help to explain why electrons can be used to probe the nuclei of atoms?

- ☐ A Electrons can be accelerated to high energies.
- ☐ B Electrons can be part of an atom.
- ☐ C Electrons can exhibit diffraction effects.
- ☐ D Electrons can have wavelengths similar in size to nuclear diameters.

(Total for Question 8 = 1 mark)