

10 In 1927, G P Thomson first demonstrated that electrons passing through a nickel crystal produce a diffraction pattern.

Which of the following can be concluded from this observation?

- ☐ **A** Electrons behave as particles.
- ☐ **B** Electrons behave as waves.
- ☐ **C** Electrons behave as both particles and waves.
- ☐ **D** Electrons behave as neither particles nor waves.

(Total for Question 10 = 1 mark)