

SECTION A

Answer ALL questions.

For questions 1–10, in Section A, select one answer from A to D and put a cross in the box ☐.

If you change your mind, put a line through the box ☒ and then mark your new answer with a cross ☐.

- 1 In an electron gun, electrons are released from a heated filament.

Which of the following is the name of this process?

- ☐ A annihilation
- ☐ B ionisation
- ☐ C photoelectric effect
- ☐ D thermionic emission

(Total for Question 1 = 1 mark)