

**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** Fusion reactions are the primary energy source of stars.

Which row of the table gives the conditions necessary for fusion in stars?

	Density	Temperature
<input checked="" type="checkbox"/> <b>A</b>	high	high
<input type="checkbox"/> <b>B</b>	high	low
<input type="checkbox"/> <b>C</b>	low	high
<input type="checkbox"/> <b>D</b>	low	low

**(Total for Question 1 = 1 mark)**