

4 In the Sun, nuclear fusion occurs mainly in the core.

Which of the following is a reason for this?

- ☐ A Helium nuclei surround the core.
- ☐ B Most of the Sun's hydrogen is in the core.
- ☐ C The core contains most of the mass of the Sun.
- ☐ D The temperature is greatest in the core.

(Total for Question 4 = 1 mark)