

SECTION A

Answer ALL the questions in this section.

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 Which of the following describes a standard candle?

- ☐ **A** a star of known distance
- ☐ **B** a star of known intensity
- ☐ **C** a star of known luminosity
- ☐ **D** a star of known mass

(Total for Question 1 = 1 mark)