

- 5 Absorption lines in the spectrum of light from a star are shifted to higher frequencies than the same lines viewed from a source on Earth.

Which of the following can be concluded from this?

- ☐ A The star is accelerating away from the Earth.
- ☐ B The star is accelerating towards the Earth.
- ☐ C The star is moving away from the Earth.
- ☐ D The star is moving towards the Earth.

(Total for Question 5 = 1 mark)