

- 5** Measurements related to a distant galaxy may be used to determine the value of the Hubble constant.

Which two measurements related to a distant galaxy must be used?

- ☐ **A** distance from the Earth and mass
- ☐ **B** distance from the Earth and recession velocity
- ☐ **C** luminosity and mass
- ☐ **D** luminosity and recession velocity

(Total for Question 5 = 1 mark)