

5 Ultrasound has a number of different uses in medicine.

Which of the following is the main reason why ultrasound is not used to perform scans of the chest and lungs?

- ☐ **A** The air in the lungs causes most of the ultrasound to be reflected back.
- ☐ **B** The duration of the pulses of ultrasound limits the amount of detail that can be seen.
- ☐ **C** The wavelength of the ultrasound is too long.
- ☐ **D** Ultrasound can damage the lungs.

(Total for Question 5 = 1 mark)