

3 Ultrasound can be used to investigate organs inside the human body.

Which of the following statements about ultrasound is correct?

- ☐ **A** All of the ultrasound is reflected at a boundary between different tissues.
- ☐ **B** Ultrasound travels faster in air than inside the body.
- ☐ **C** Ultrasound with a greater wavelength gives an image with a higher resolution.
- ☐ **D** Ultrasound with a shorter pulse duration gives an image with a higher resolution.

(Total for Question 3 = 1 mark)