

9 Ultrasound scans can be used to create an image of a patient's kidneys.

For each ultrasound pulse sent into the body, a number of pulses are detected.

Which of the following explains why a number of pulses are detected?

- ☐ A Interference occurs when the pulse is in the body.
- ☐ B The ultrasound reflects off different layers within the body.
- ☐ C The ultrasound has a very high frequency.
- ☐ D The ultrasound has a very large wavelength.

(Total for Question 9 = 1 mark)