

**24** A wave that can be polarised must be

- A** longitudinal.
- B** progressive.
- C** stationary.
- D** transverse.

**25** Which statement about electromagnetic radiation is correct?

- A** Waves of wavelength  $5 \times 10^{-9}$  m are high-energy gamma rays.
- B** Waves of wavelength  $3 \times 10^{-8}$  m are ultra-violet waves.
- C** Waves of wavelength  $5 \times 10^{-7}$  m are infra-red waves.
- D** Waves of wavelength  $9 \times 10^{-7}$  m are light waves.

**Space for working**