

**25** An electromagnetic wave has a wavelength of  $1.0 \times 10^{-7}$  m.

To which region of the electromagnetic spectrum does this wave belong?

- A** infra-red
- B** ultraviolet
- C** visible
- D** X-ray

**26** The diagram shows a stationary wave on a string. The stationary wave has three nodes N<sub>1</sub>, N<sub>2</sub> and N<sub>3</sub>.