

**22** Which statement about different types of electromagnetic wave is correct?

- A** The frequency of infra-red waves is less than the frequency of blue light.
- B** The frequency of radio waves is greater than the frequency of gamma rays.
- C** The wavelength of red light is less than the wavelength of ultraviolet waves.
- D** The wavelength of X-rays is greater than the wavelength of microwaves.

**23** Orange light has a wavelength of 600 nm.