

- 26** Which line in the table summarises the change in wave characteristics on going from infra-red to ultraviolet in the electromagnetic spectrum?

	frequency	speed in a vacuum
<b>A</b>	decreases	decreases
<b>B</b>	decreases	remains constant
<b>C</b>	increases	remains constant
<b>D</b>	increases	increases

- 27** Light of wavelength  $600\text{ nm}$  is incident on a pair of slits. Fringes with a spacing of  $4.0\text{ mm}$  are