

**25** Part of a car was damaged by heating when, on a sunny day, the car was left in front of a curved mirrored building which focussed reflected sunlight onto the car.

Which statement about sunlight correctly explains this observation?

- A** Sunlight contains infra-red radiation.
- B** Sunlight contains ultraviolet radiation.
- C** Sunlight is a longitudinal progressive wave which carries energy.
- D** Sunlight is a transverse standing wave which carries energy.

**26** A student sets up an experiment to investigate double-slit interference of light but finds that the