

**27** In which situation does diffraction occur?

- A** A wave bounces back from a surface.
- B** A wave passes from one medium into another.
- C** A wave passes through an aperture.
- D** Waves from two identical sources are superposed.

**28** Light of wavelength  $700\text{ nm}$  is incident on a pair of slits, forming fringes  $2.0\text{ mm}$  apart on a screen