

- 28** The lines of a diffraction grating have a spacing of 1.6×10^{-6} m. A beam of light is incident normally on the grating. The first order maximum makes an angle of 20° with the undeviated beam.

What is the wavelength of the incident light?

- A** 210 nm **B** 270 nm **C** 420 nm **D** 550 nm