

- 18** Light of wavelength 567 nm is incident normally on a diffraction grating.
The grating has 400 lines per mm.

What is the angle between the second-order and the third-order maxima?

- A** 13.1° **B** 13.9° **C** 15.9° **D** 27.0°

- 19** Two point charges are separated by a distance of 200 mm. The force of attraction between them