

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