

- 19** A pair of large horizontal conducting plates are separated by 4.0 mm. The lower plate is at a potential of -6.0 V . An electric field strength of 4000 V m^{-1} upwards exists in the space between the plates.

What is the potential applied to the upper plate?

A -22 V

B -10 V

C 10 V

D 22 V

