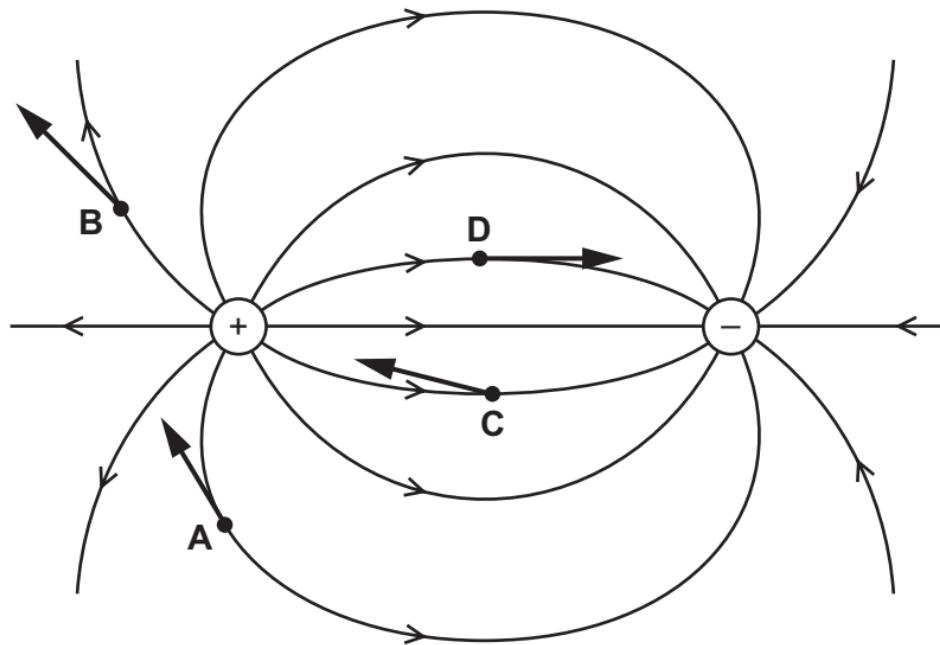


- 30 The diagram shows the electric field near a positively charged sphere and a negatively charged sphere.

Four electrons **A**, **B**, **C** and **D** are shown at different positions in the field.

On which electron is the direction of the force on the electron shown correctly?



- 31 A child is swinging on a swing. The child's initial position is at the leftmost point of the swing's path. The child's final position is at the rightmost point of the swing's path.