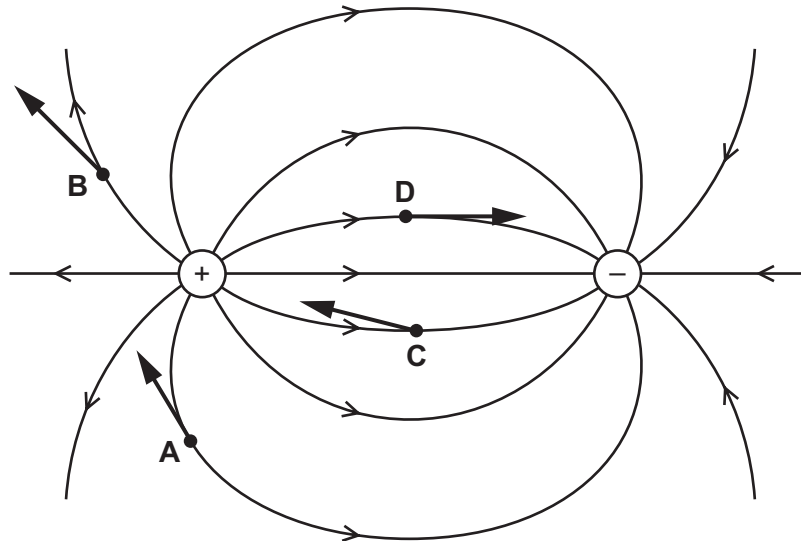


**30** The diagram shows the electric field near a positively charged sphere and a negatively charged sphere.

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 parallel plate capacitor is shown in the diagram. The diagram illustrates the electric field between the plates.