

32 An electron is in a uniform electric field of field strength 1500 V m^{-1} .

What is the acceleration of the electron due to the electric field?

- A** $8.5 \times 10^{-9} \text{ ms}^{-2}$
- B** $1.6 \times 10^{-5} \text{ ms}^{-2}$
- C** $1.4 \times 10^{11} \text{ ms}^{-2}$
- D** $2.6 \times 10^{14} \text{ ms}^{-2}$