26 In a simple model of the hydrogen atom, the electron moves in a circular orbit of radius 5.3×10^{-11} m about the nucleus with a uniform angular speed of 4.1×10^{16} rad s^{-1}.

What is the average current at a point on the electron orbit?

A 2.5×10^{-35} A

B 1.6×10^{-19} A

C 3.5×10^{-13} A

D 1.0×10^{-3} A