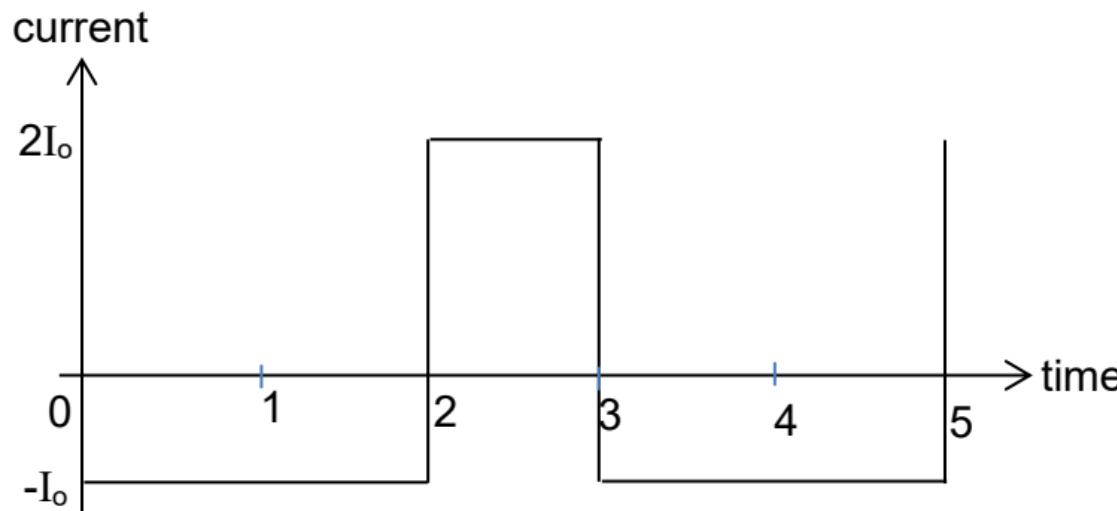


**26** The graph shows the variation with time of a periodic current. What is the root-mean-square value of the current?



**A**  $\sqrt{2} I_o$

**B**  $\frac{I_o}{\sqrt{2}}$

**C**  $\frac{I_o}{2}$

**D**  $2 I_o$

**27** What is the reasonable estimate, to one significant figure, of the energy of a photon of violet