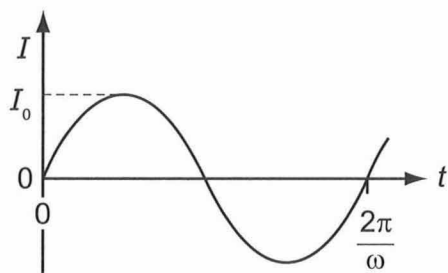


- 32 The graph shows the variation with time t of the current I for an alternating current $I = I_0 \sin \omega t$ in a wire.



Which graph represents the net amount of charge Q which has flowed past a point in the wire in the time from $t = 0$ to $t = \frac{2\pi}{\omega}$?

