A) Graph 4 $0 \le V_0(t) \le 5$

B) Graph 4 $0 \le V_0(t) \le 10$

C) Graph 1 $Q = 10A \cdot 1s = 10$ $\quad C = \dfrac{Q}{V}$

$0 \le V_0(t) \le \dfrac{10}{C}$ $\qquad V = \dfrac{Q}{C}$

D) Graph 5 $0 \le V_0(t) \le 5$