

17. A $24.0\ \mu\text{F}$ capacitor is charged until the potential difference across it is $125\ \text{V}$.
The charge stored on the capacitor is

- A $5.21 \times 10^6\ \text{C}$
- B $7.75 \times 10^{-2}\ \text{C}$
- C $1.50 \times 10^{-3}\ \text{C}$
- D $3.00 \times 10^{-3}\ \text{C}$
- E $1.92 \times 10^{-7}\ \text{C}.$