

21 What is the rate of flow of electrons in a component in which the current is 20.0 mA?

- A  $20 \text{ C ms}^{-1}$
- B  $20 \text{ mCs}^{-1}$
- C  $1.25 \times 10^{17} \text{ s}^{-1}$
- D  $1.25 \times 10^{20} \text{ s}^{-1}$

22 Two 12V power supplies R and Q are connected to two heaters of the same constant resistance.