

**29** What is a possible charge on a particle?

- A**  $6.40 \times 10^{-20} \text{ C}$
- B**  $4.00 \times 10^{-19} \text{ C}$
- C**  $1.12 \times 10^{-18} \text{ C}$
- D**  $9.11 \times 10^{-18} \text{ C}$

**30** A slice of germanium of cross sectional area  $1.0 \text{ cm}^2$  carries a current of  $56 \mu\text{A}$ . The number