

34 Which description of Kirchhoff's first law is correct?

- A** It considers the currents at a junction in a circuit and is a consequence of the conservation of charge.
- B** It considers the currents at a junction in a circuit and is a consequence of the conservation of energy.
- C** It considers the electromotive forces and potential differences in a circuit loop and is a consequence of the conservation of charge.
- D** It considers the electromotive forces and potential differences in a circuit loop and is a consequence of the conservation of energy.