

**33** Which statement is **not** valid?

- A** Current is the speed of the charged particles that carry it.
- B** Electromotive force (e.m.f.) is the energy converted to electrical energy from other forms per unit charge.
- C** The potential difference (p.d.) between two points is the work done per unit charge when moving charge from one point to the other.
- D** The resistance between two points is the p.d. between the two points per unit current.

**34** A cell of e.m.f.  $\mathcal{E}$  delivers a charge  $Q$  to an external circuit.