

15 Which statement about energy is **not** correct?

- A** Energy is never lost but it may be transferred between different forms.
- B** In an inelastic collision, the total energy is constant.
- C** The efficiency of a system is the ratio of the useful energy output to the total energy input.
- D** When a machine does work, friction reduces the total energy.

16 An electric kettle is rated as having an input power of 1.50 kW and an efficiency of 65.0%