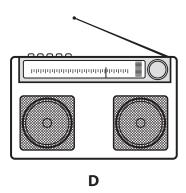
2 The diagram shows some electrical appliances.









(a) (i) Which appliance is designed to transfer electrical energy to thermal energy?

(1)

- A food mixer
- **B** kettle
- **D** radio

(ii) Which appliance is designed to transfer electrical energy to kinetic energy?

(1)

- **B** kettle
- **D** radio

(b) In all the appliances, energy is conserved.

What is meant by the phrase energy is conserved?

(1)



	the lamp has an efficiency of 20%.	(2)
		(2)
(ii) [Praw a labelled Sankey diagram for the lamp.	(3)
		(Total for Question 2 = 8 marks)

