

PART C

16

Instruction: Write the answers in the spaces provided.

5.1 Sources and Various Forms of Energy

I Diagram I shows the situation in a house.

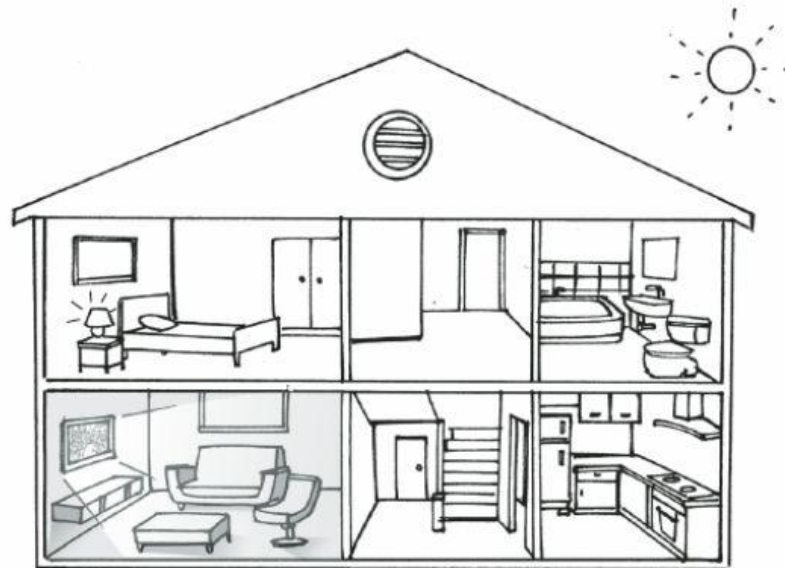
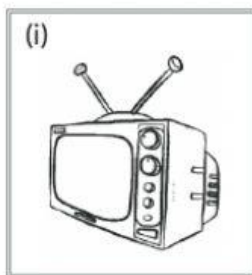


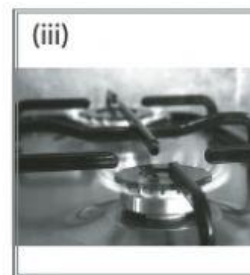
Diagram I

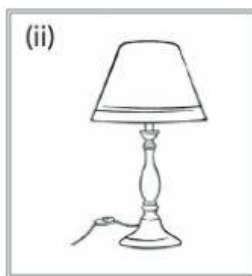
(a) List **four** forms of energy that are shown in Diagram I.

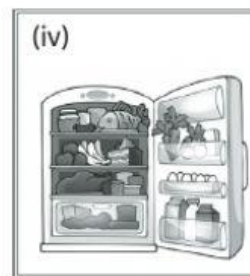
(2 marks)

(b) State the transformation of energy for the electrical appliances shown in Diagram I.









(4 marks)

2 Diagrams 2.1 and 2.2 show two electrical appliances.

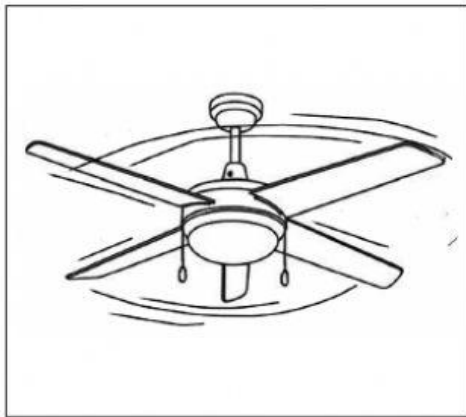


Diagram 2.1



Diagram 2.2

State the forms of energy generated by the electrical appliances in Diagrams 2.1 and 2.2.

- (i) Diagram 2.1 } Forms of energy generated
- (ii) Diagram 2.2 }
- (2 marks)

3 Diagram 3 shows Ikmal is using some electrical appliances while studying.



Diagram 3

(a) In your opinion, is Ikmal's action sensible?

☐

Yes

☐

No

(b) Give your reason.

HOTS

(2 marks)