Name of the Student:_____
Max. Marks : 19 Marks **Time : 19 Minutes**

Mark Schemes

Q1.

(a) (i) …….. light …… electrical

2

for 1 mark each

(ii) …….. electrical……chemical

for 1 mark each

2

(iii) …….. electrical ….. kinetic

for 1 mark each

2

(b) (i) 1500 / 10

gains 1 mark

1

but
150

gains 2 marks

1

(ii) heat (thermal) or sound

for 1 mark

1

[9]

Q2.

(a) heat / thermal
kinetic / movement

each for 1 mark

2

(b) (i) its a good (electrical) conductor

for 1 mark

1

(ii) its a good (electrical) <u>insulator</u> / very <u>poor conductor</u>

for 1 mark

1

(c) (i) 2.75 × 6

gains 1 marks

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but
16.5

gains 2 marks

2

(ii) (c)(i) × 7 or no. of kW h × cost/kW h

gains 1 marks

but
115.5 or e.c.f if correct

gains 2 marks

2

(d) it would heat and melts / blows / burns out / breaks circuit

any two for 1 mark each (fuse wire just breaks – gains 1)
(blows up – gets 0)

(fuse causing wire to melt gets 1)

2

[10]

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