Practice Question Set For GCSE
Subject : Physics
Paper-1 Topic: Electricity (Standard demand)

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

Mark Schemes

Q1.

(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) insulator / very poor conductor
for 1 mark
1

(c) (i) 2.75 × 6
gains 1 marks

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]

Q2.

(a) (i) …….. light …… electrical
2

for 1 mark each

(ii) …….. electrical……chemical

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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]

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