Practice Question Set For GCSE
Subject : Physics
Paper-1 Topic: Electricity (Low Demand)

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Name of the Student:_____
Max. Marks : 17 Marks **Time : 17 Minutes**

Mark Schemes

Q1.

(a) electric drill **C**

1

MP3 player **E**

1

toaster **B**

1

(b) (i) 2100
no unit required / ignore units
accept 2.1 kW must have units for this

1

(ii) **Y**

1

(iii) bar drawn with any height greater than **Y**
ignore width of bar

1

(c) (i) any **one** from:
answers must be a comparison

- holds more water
  *do **not** accept 1 litre of water on its own*
- works in other countries
  accept a named country
  accept works at 2 voltages
- boils faster
- has a more powerful element
  *do **not** accept 1 kW element on its own*
- can filter water

1

ignore can wash filter

(ii) any **one** from:

- it weighs less

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- smaller to pack
- cheaper to use

answers must be a comparison
or *state why the chosen feature is an advantage*
accept boils enough for one drink

1

[8]

Q2.

(a) iron

1

hairdryer

1

kettle

answers can be in any order

1

(b) sound

1

(c) is more efficient than

1

[5]

Q3.

(a) £19.20

*allow **1** mark for correct substitution*
ie 160 × 12
*allow **1** mark for an answer (£)1920*
*an answer of 1920p gains **both** marks*
*an answer of £40.80 gains **both** marks*
*allow **1** mark for 340 × 12*

2

(b) 340

*allow **1** mark for correctly using the reading 62580*
ie 62920 − 62580
*accept £40.80 for **both** marks*

2

[4]

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