Exchange Rates & Best Buys

Question Paper

Course	Edexcel IGCSE Maths
Section	1. Numbers & the Number System
Topic	Exchange Rates & Best Buys
Difficulty	Medium

Time allowed: 50

Score: /34

Percentage: /100

Question 1

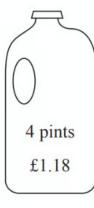Potatoes cost £9 for a 12.5 kg bag at a farm shop.
The same type of potatoes cost £1.83 for a 2.5 kg bag at a supermarket.

Where are the potatoes the better value, at the farm shop or at the supermarket?
You must show your working.

[4 marks]

Question 2

Milk is sold in two sizes of bottle.

4 pints
£1.18

6 pints
£1.74

A 4 pint bottle of milk costs £1.18
A 6 pint bottle of milk costs £1.74

Which bottle of milk is the best value for money?
You must show all your working.

[3 marks]

Question 3

Linda is going on holiday to the Czech Republic.
She needs to change some money into koruna.

She can only change her money into 100 koruna notes.

Linda only wants to change up to £200 into koruna.
She wants as many 100 koruna notes as possible.

The exchange rate is £1 = 25.82 koruna.

How many 100 koruna notes should she get?

[3 marks]

Question 4

Ben goes on holiday to Hong Kong.

In Hong Kong, Ben sees a camera costing HK$3179.55
In London, an identical camera costs £285

The exchange rate is £1 = HK$12.30

Ben buys the camera in Hong Kong.

How much cheaper is the camera in Hong Kong than in London?

[3 marks]

Question 5

Margaret is on holiday in France.

She buys an English newspaper.
The cost of the newspaper is 5 euros.
In England, the cost of the same newspaper is £2.50

The exchange rate is £1 = 1.16 euros.

Work out the difference between the cost of the newspaper in France and the cost of the newspaper in England.

[3 marks]

Question 6

Colin is on holiday in France.
He buys a wallet.
The wallet costs 31 euros.

In London a wallet costs £23.50

The exchange rate is £1 = 1.34 euros.

Compare the cost of the wallet in France with the cost of the wallet in London.

[3 marks]

Question 7a

Asif is going on holiday to Turkey.

The exchange rate is £1 = 3.5601 lira.

Asif changes £550 to lira.

Work out how many lira he should get.
Give your answer to the nearest lira.

[2 marks]

Question 7b

Asif sees a pair of shoes in Turkey.
The shoes cost 210 lira.

Asif does not have a calculator.
He uses £2 = 7 lira to work out the approximate cost of the shoes in pounds.

Use £2 = 7 lira to show that the approximate cost of the shoes is £60

[2 marks]

Question 7c

Is using £2 = 7 lira instead of using £1 = 3.5601 lira a sensible start to Asif's method to work out the cost of the shoes in pounds?

You must give a reason for your answer.

[1 mark]

Question 8

A tourist changes $500 to euros (€) when the exchange rate is €1 = $1.0697.

Calculate how many euros he receives.

€ ....

[2 marks]

Question 9

A new model locomotive costs $64.

Calculate the cost of the locomotive in rupees when the exchange rate is 1 rupee = $0.0154.
Give your answer correct to the nearest 10 rupees.

.... rupees

[2 marks]

Question 10

Marianne sells photos.
The selling price of each photo is $6.

Calculate the selling price of a photo in euros (€) when the exchange rate is
€1 = $1.091.

€ ....

[2 marks]

Question 11

The Muller family are on holiday in New Zealand.

They change some euros (€) and receive $1962 (New Zealand dollars).
The exchange rate is €1 = $1.635 .

Calculate the number of euros they change.

€ ....

[2 marks]

Question 12

A dressmaker charges $35 or 2300 rupees to make a dress.

Calculate the difference in price when the exchange rate is 1 rupee = $0.0153 .
Give your answer in rupees.

.... rupees

[2 marks]