

Surname					Other Names				
Centre Number					Candidate Number				
Candidate Signature									

For Examiner's Use

Free-Standing Mathematics Qualification
 January 2007
 Foundation Level



MANAGING MONEY
Unit 1

6981/2

Wednesday 31 January 2007 9.00 am to 10.00 am

- | |
|---|
| <p>For this paper you must have:</p> <ul style="list-style-type: none"> • a calculator • a clean copy of the Data Sheet (enclosed) • a protractor • a ruler. |
|---|

Time allowed: 1 hour

Instructions

- Use blue or black ink or ball-point pen. Pencil should only be used for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- Answer the questions in the spaces provided.
- Do all rough work in this book. Cross through any work you do not want to be marked.
- You may **not** refer to the copy of the Data Sheet that was available prior to this examination. A clean copy is enclosed for your use.

Information

- The maximum mark for this paper is 40.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.

Advice

- In all calculations, show clearly how you work out your answer.

For Examiner's Use			
Question	Mark	Question	Mark
1		9	
2			
3			
4			
5			
6			
7			
8			
Total (Column 1) →			
Total (Column 2) →			
TOTAL			
Examiner's Initials			

SECTION A

Answer **all** questions in the spaces provided.

Use **Computer sale** on page 2 of the Data Sheet.

- 1 (a) Calculate the reduction on an Intercomp BZ computer in the sale.

.....

Answer.....
(1 mark)

- (b) Jamie spent £ 5.70 on packs of photoprint paper in the sale.

How many **sheets** of photoprint paper did he buy?

.....

Answer.....
(3 marks)

- (c) An ‘all in one’ printer cost £98 before the sale.
Alice bought one in the sale.

How much money did Alice save?

.....

.....

.....

Answer.....
(2 marks)

- (d) The usual price of a black ink cartridge is £27.

What is the cost of the ink cartridge when it is sold in the sale?

.....

.....

.....

Answer.....
(3 marks)

2 Nicole and Charlotte buy **ten** packs of copier paper in the sale. They agree to divide the cost in the ratio of 1 : 2, with Charlotte paying the most.

How much does Charlotte pay?

.....
.....
.....
.....

Answer.....
(4 marks)

4

3 Andrew bought a 17-inch LCD monitor in the sale.

What percentage reduction in the price of the monitor did Andrew receive?

.....
.....
.....
.....

Answer.....
(3 marks)

3

4 On the first day of the sale, the shop sold 40% of its stock of Intercomp BZ computers.

(a) Write 40% as a fraction, giving your answer in its lowest terms.

.....

Answer.....
(1 mark)

(b) Write 40% as a decimal.

.....

Answer.....
(1 mark)

2

Turn over ►

SECTION B

Answer **all** questions in the spaces provided.

Use **Ball-point pens** on page 2 of the Data Sheet.

- 5 (a) Complete the spreadsheet.
Give the cost per pen to one decimal place.

	A	B	C	D
1	Pack	Number of pens	Cost of the pack (pence)	Cost per pen (pence)
2	Small			
3	Standard			
4	Super			
5	Economy			

(4 marks)

Space for working

.....

.....

.....

- (b) Which of the four packs gives the **best** value for money?

Answer.....
(1 mark)

- (c) Write down a **formula** which gives the cost in cell D3.

.....

Answer.....
(1 mark)

6 On one day, a shop's takings were £ 661.81 .

Express these takings:

(a) (i) to the nearest £ 100;

Answer.....
(1 mark)

(ii) to the nearest £ 10.

Answer.....
(1 mark)

(b) Beth spent £ 23.52 in the shop.
She paid with two £ 20 notes.

How much change did Beth receive?

.....
Answer.....
(2 marks)

4

Turn over for the next question

Turn over ►

SECTION C

Answer **all** questions in the spaces provided.

Use **Home shopping** on pages 3 and 4 of the Data Sheet.

7 Stephen and Aisha require the following bulbs:

50 Crocuses
24 Narcissi
48 Snowflakes
and 48 Tulips.

They wish to buy them for the least possible cost.

Complete the order form below.

ITEM CODE	DESCRIPTION	PACK PRICE (£)	NUMBER OF PACKS	TOTAL (£)
	Crocuses			
	Narcissi			
	Snowflakes			
	Tulips			
			Total Goods	
Add £ 3.95 for Postage and Packing			Postage & Packing	
			GRAND TOTAL	

(5 marks)

Space for working

.....

.....

.....

SECTION D

Answer **all** questions in the spaces provided.

- 8** Kevin paid £27.97 for a colour ink cartridge for his printer so that he could print his digital camera photographs.
The cartridge printed 192 photographs.

Using approximations, estimate the cost of each photograph.
You must show your approximations and all your working.

.....
.....
.....

Answer..... (3 marks)

3

Turn over for the next question

Turn over ►

SECTION E

Answer **all** questions in the spaces provided.

Use **Bank accounts** on page 4 of the Data Sheet.

- 9 Lauren deposits £3000 in the Primary Platinum account for 18 months.
It earns compound interest at the rate of 2.09% paid every 6 months.

	Starting value (£)	Interest (£)	Final value (£)
First 6 months	3000.00	62.70	3062.70
Second 6 months	3062.70		
Third 6 months			

Complete the table above.

(4 marks)

Space for working

.....

.....

.....

4

END OF QUESTIONS

Free-Standing Mathematics Qualification
January 2007
Foundation Level



MANAGING MONEY
Unit 1

6981/2PM

PRELIMINARY MATERIAL

DATA SHEET

**To be issued to candidates between Wednesday 17
January 2007 and Wednesday 24 January 2007**

REMINDER TO CANDIDATES

YOU MUST **NOT** BRING THIS DATA SHEET
WITH YOU WHEN YOU SIT THE EXAMINATION.
A CLEAN COPY WILL BE MADE AVAILABLE.

Computer sale

Customised Computers advertises the following sale offers.

INTERCOMP BZ COMPUTER

Was £ 595

Now £ 449

17-INCH LCD MONITOR

Was £ 200

Now £ 165



PACK OF 20 SHEETS OF PHOTOPRINT PAPER

Was £ 2.80

Now £ 1.90

PACK OF COPIER PAPER

Was £ 4.30

Now £ 3.15

A pack contains 480 sheets of paper

**30% OFF
ALL PRINTERS!**



**$\frac{1}{6}$ OFF ALL
INK CARTRIDGES!**

Ball-point pens

Ball-point pens can be bought in packs of four different sizes.

Small	containing 2 pens	costing 55p
Standard	containing 6 pens	costing £ 1.55
Super	containing 12 pens	costing £ 3.05
Economy	containing 20 pens	costing £ 4.99

Home shopping

Stephen and Aisha want to plant bulbs in their garden. They find the advertisements below.



**DISCOUNT
OFFER**
**20%
DISCOUNT**

pack of 20
Cat. no. **2594-05**
~~£11.90~~ **£9.50**

Mammoth Hyacinths

A bright mixture of the most beautiful colours. This exceptional collection has extra-large bulbs. Hyacinths have an exquisite scent.

Catalogue no. **1241-13** pack of 10 **£5.95**
Catalogue no. **2594-05** pack of 20 **£9.50**



Dwarf Gladioli Mixed

Gladiolus Nanus. Glorious flowers for cutting that appear at the beginning of the summer and return year after year. Cut them when the lowermost bud is open. Protect against frost.

Catalogue no. **0053-01** pack of 25 **£6.75**
Catalogue no. **3535-00** pack of 50 **£11.50**



Narcissi 'Kedron'

Due to their small size and delightful scent, jonquil narcissi like Kedron are perfect for rockeries as well as for patio planters and window-boxes.

Catalogue no. **2100-11** pack of 12 **£3.95**

These data continue on the next page

Turn over ►

Home shopping (continued)



 **EXCLUSIVE**

Tulips 'Princess'

This tulip will surprise you in March-April with a combination of cheerful flowers and variegated leaves. A regal border subject that lives up to its name.

Catalogue no. **0605-13** pack of 12 **£4.75**

Catalogue no. **2564-07** pack of 25 **£8.95**



Snowflakes

Leucojum Aestivum. A bulbous plant with several snow-white flowers on each stem. Flowers in April-May and more flowers each year.

Catalogue no. **0064-20** pack of 12 **£5.75**

Catalogue no. **3556-17** pack of 24 **£9.75**



Botanical Crocuses Mixed

The earliest of all spring flowers. They look very fragile, but they can withstand wintry conditions and only need a weak ray of sunshine for the flowers to open up. Suitable for the garden and for planters on the patio.

Catalogue no. **1715-18** pack of 50 **£3.75**

Catalogue no. **0144-31** pack of 100 **£5.50**

DISCOUNT OFFER
25% DISCOUNT
pack of 100
Cat. no. **0144-31**
~~£7.50~~ **£5.50**

Copyright Spalding Plant & Bulb Co.

Bank accounts

The South Downs bank has a number of different savings accounts.

Account name	Rate of interest
Gold Star Saver	4.1% paid annually
Solid Silver Saver	1.05% paid every 3 months
Primary Platinum	2.09% paid every 6 months
Instant Access	0.2% paid annually

END OF DATA SHEET