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Presenting Centre No.	Subject No.	Level	Paper No.	Group No.	Marker's No.
	0560				

F

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Total Marks	KU	PS
	36	36

[CS(SG)07F]

NATIONAL
QUALIFICATIONS

Time: 1 Hour

COMPUTING STUDIES
STANDARD GRADE
Foundation Level

Estimate Examination Paper

Fill in these boxes and read what is printed below.

Full name of school or college

Town

First name and initials

Surname

Date of birth

Day Month Year

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Read each question carefully

Attempt **all** questions.

Write your answers in the space provided on the question paper.

Answer in sentences wherever possible.

Before leaving the examination room you must give this book to the invigilator. If you do not, you may lose all the marks for this paper.

This test paper must be withdrawn from candidates after the examination and any follow-up discussion of marks/grades awarded. This is to ensure the 'sight unseen' status of this paper is maintained for your centre and other schools/colleges during the diet of prelim examinations in 2006/2007. Submission of this test paper for Appeals purposes will assume that these conditions have been applied.

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Page one

1. The results of a recent figure skating competition are stored in a spreadsheet. Part of the spreadsheet is shown below.

	A	B	C	D	E
1	Competitor	Judge 1	Judge 2	Judge 3	Total
2	Sharon Walker	5.2	5.1	5.3	15.6
3	Amanda Mitchell	5.8	5.7	5.8	17.3
4	Katy Anderson	4.9	5.0	4.7	14.6
5	Lesley Bruce	5.4	5.4	5.2	16.0
6	Lucy Williams	4.2	4.3	4.4	12.9
7	Grace Leys	3.9	4.1	4.0	12.0

- (a) Use the words below to complete the following sentences.

column **row** **cell**

- (i) In the spreadsheet, a box is called a _____ .
- (ii) All the information about Katy Anderson is contained in a _____ .
- (iii) All the scores from Judge 2 is contained in a _____ .

- (b) Use the words below to complete the following sentences.

text **value** **formula**

- (i) Cell D5 contains _____ .
- (ii) Cell E6 contains _____ .
- (iii) Cell B1 contains _____ .

- (c) Cell E2 contains a formula which calculates the total score. Which of the following is the correct formula?

Tick (✓) **one** box only.

= B2 / D2

= B2 * D2

= SUM(B2 : D2)

= B2 + D2

KU	PS
	3
	2
	1
	0
	3
	2
	1
	0
	1
	0

1. (d) When the data was first entered into the spreadsheet some of the competitors names did not fit properly.

cont

How was this problem solved?

(e) The score in cell D5 should have been 5.3 and not 5.2. The contents of **one** other cell will change when the correct score is entered. Which other cell will change when the correct score is entered?

(f) The spreadsheet package uses a *WIMP* environment.

What is meant by WIMP?

W _____ I _____ M _____ P _____

KU	PS
	10
	10
43210	

[Turn over

2. The school library uses a database to store information about the books and the authors. One of the records is shown below:

Title	: David and the Dinosaurs
Author	: Jimmy Cricket
Publisher	: Wellington
ISBN No	: 0-444-96732-6
Category	: Fiction

(a) The librarian has just bought a new book. What must she do to enter the book's details into the database?

Tick (✓) **one** box only.

Create a field

Add a record

Edit a record

Add a file

(b) The librarian has discovered that one of the ISBN numbers has been entered wrongly. What must she do correct this?

Tick (✓) **one** box only.

Create a field

Add a record

Edit a record

Add a file

KU	PS
	1
	0
	1
	0

2.
cont

The librarian would like the record to contain a suitable age range for each book as shown in the example below:

Title	: David and the Dinosaurs
Author	: Jimmy Cricket
Publisher	: Wellington
ISBN No	: 0-444-96732-6
Category	: Fiction
Age range	: 11-13 years

- (c) What must she do to include this information?
Tick (✓) **one** box only.

Create a field

Add a record

Edit a record

Add a file

- (d) The librarian can *search* and *sort* the information in the database. Complete the following sentences using the words **search** or **sort** and also entering the correct field name.

(i) _____ on the _____ field to find all the books written by Jane Aspell.

(ii) _____ on the _____ field to put the books in alphabetical order.

(iii) _____ on the _____ field for all the non-fiction books.

- (e) (i) The librarian keeps a *backup* copy of the database. What is meant by a backup?

- (ii) Why are backups taken?

[Turn over

KU	PS
	1
	0
	6
	5
	4
	3
	2
	1
	0
	1
	0

2. (f) The school also keeps information about the pupils.
cont

(i) Christopher would like to see the information that the school holds on him. Is he allowed to see this information?
Tick (✓) **one** box only.

Yes No

(ii) Is Christopher allowed to see the information held on his friend?
Tick (✓) **one** box only.

Yes No

KU	PS
1	0
1	0

KU	PS
2	
1	
0	
1	
0	
2	
1	
0	
	3
	2
	1
	0

4. Paula has typed up her history project on the PC.

(a) The teacher gave her a *template* to use for the project. What is meant by a template?

(b) Paula found the *wordwrap* feature particularly useful. What is meant by wordwrap?

(c) Three examples of text layout are shown below. Fill in the blanks using the correct word from the following list.

left align

right align

centre

This is the same paragraph used in all three boxes.

This is the same paragraph used in all three boxes.

This is the same paragraph used in all three boxes.

1. _____

2. _____

3. _____

(d) Part of Paula's project is shown below. Use the words below to complete the following sentences.

inserted

amended

deleted

Assassination of Franz Ferdinand

What actually happened on the 28th of June (1941) in Sarajevo?

The Archduke and his wife Countess Sophie arrived in Sarajevo, they drove down ~~down~~ the Appel Quay towards the town hall when a bomb was thrown at them by one of the assassins, the Archduke brushed it aside where it exploded under the car behind and injuring the people in the car. As the Archduke and Countess Sophie came back, they were both shot outside the Schillers Store, they ~~died~~.

later

(i) **1941** has to be _____ .

(ii) **down** has to be _____ .

(iii) **later** has to be _____ .

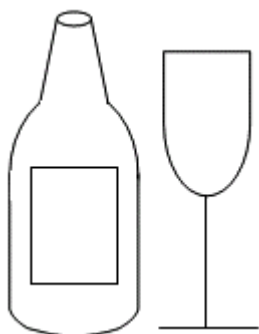
4. (e) Paula decided to send the draft copy of her project to her teacher by electronic mail.
cont Apart from a computer system, what other piece of hardware would be needed?
-

KU	PS
1 0	

[Turn over

KU	PS
	1
	0
	3
	2
	1
	0
	1
	0

5. Callum created this using an application package.



(a) (i) Which package would have been used to create this?
Tick (✓) **one** box only.

Word Processing

Spreadsheet

Graphics

Database

(ii) Name **three** tools that would have been used to create this.

1. _____

2. _____

3. _____

A change was made and it now looks like the following.



(iii) Describe the change.

KU	PS
	3
	2
	1
	0
1	
0	
2	
1	
0	

5. (b) Callum carried out the following steps when he made the change.
cont

Enter the numbers **1**, **2**, **3** and **4** into the table to show the order he must use to make the change.

Load file

Save file

Edit file

Load package

(c) (i) Rebecca suggested that he could have used an *integrated package*.

Which is meant by an integrated package?

(ii) Describe **two** advantages of using an integrated package.

1.

2.

[Turn over

KU	PS
4	
3	
2	
1	
0	
2	
1	
0	
2	
1	
0	
	2
	1
	0

6. (a) The stages in the data processing cycle are shown below. Enter the numbers **1-5** in the table below to show the correct order.

- Data input
- Data collection
- Data output
- Data preparation
- Data processing and storage

(b) Choose from the list below to complete the following sentences.

mainframe desktop terminal laptop

A _____ is a powerful computer system with a large processing power.

A _____ is a keyboard, mouse and monitor connected to a central computer.

(c) (i) Which two pieces of information are contained in a bar code?
Tick (✓) **two** boxes only.

- price
- country of origin
- product id
- number in stock

(ii) Give **two** reasons why bar codes are used in supermarkets.

1. _____

2. _____

6. cont (d) On-line shopping is becoming more popular. Give **two** advantages to the customer of shopping on-line.

1. _____

2. _____

[END OF QUESTION PAPER]

KU	PS
	2
	1
	0