

FOR OFFICIAL USE

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0560/402



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KU PS TOTAL

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NATIONAL
QUALIFICATIONS
2009

WEDNESDAY, 13 MAY
10.20AM – 11.35AM

COMPUTING STUDIES
STANDARD GRADE
General Level

Fill in these boxes and read what is printed below.

Full name of centre

Town

Forename(s)

Surname

Date of birth

Day Month Year

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Scottish candidate number

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Number of seat

Read each question carefully.

Attempt **all** questions.

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

Write as neatly as possible.

Use **blue** or **black ink**.

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.



- The secretary is about to send out a letter to all of the workers.

- (i) State the feature of a word processing package, which can be used to make this change in one operation.

1

-
-
-

2

- (i) Explain how a spelling check feature works.

2

-

1

- State the feature that would pick up the error shown below.

“The first trial of the RobotRanger are the 12th of June”.

1

- (a) State **one** disadvantage of using palmtop computers for writing programs.

- Name this type of screen.

- State the type of main memory used.

- What type of backing storage is required to allow them to move it to another computer?

- What needs to happen to the program to allow it to be used on a computer?

2. (continued)

- (f) Anwar Animations keeps details of its workers on computer.

State **two** rights the workers have to this information.

1 _____

2 _____

2

- (g) The company uses a *wireless network*.

State **two** reasons for using wireless networks

1 _____

2 _____

2

[Turn over

- 3

Company Name	Jones Electrics
Address 1	12 High Street
Address 2	Cardonald
Town	Glasgow
Invoice Number	5149542
Order Value	£34,234
Date of Order	25th April 2009

- 3

The example shown above is a _____.

“Invoice Number” is a _____.

When you save the _____ you are saving all of the information about the parts and suppliers.

- (b) The manager wants a paper copy of **all** orders from Glasgow.

Explain how they could do this.

(c) Northern Oil wants to put its list of parts and suppliers in order of invoice number, largest number first.

3

Explain what alterations are needed to allow this.

1

2

State two **disadvantages** of working from home rather than working in the office.

2

Page seven

- Page eight*

(c) Look Web uses a *search engine* to help in finding information when designing their web pages.

Put a tick (✓) in the box that will give the **best** results.

Glasgow Cross and 1920

“Glasgow Cross” + 1920

What does HTML stand for?

H _____ Text M _____ Language _____

(e) When designing the web pages, Look Web can also add video clips to the pages.

State **one** advantage of adding video clips to a web page.

[Turn over

5. Able Art Printing company use spreadsheets as part of its business. A sample is shown below.

	A	B	C	D
1	Able Art Pri			
2				
3	Part No.	Number Ordered	Item Cost	Order Cost
4	AB123	60	£1.00	£60.00
5	CD621	32	£10.50	£336.00
6	HX810	2	£20.05	£40.10
7	GD657	38	3.20	£121.60
8			Total	£557.70
9				
10			Average	£139.43
11				

- (a) The name of the company, Able Art Printing, does not fit in the column.

State what must be done to the column to make the name fit.

1

- (b) What *cell formatting* has been used in cell B3 so that both words appear?

1

- (c) A *formula* is used in cell D8.

Complete the formula

= _____ (_____ : _____)

2

- (d) A formula is also used in cell D10.

Complete the formula

= _____ (_____ : _____)

2

- (e) The formula for cells D4 to D7 was entered in D4. It was then *replicated* down the column.

State what is **meant** by replicated.

1

5. (continued)

- (f) State how the *format* of cell C7 should be changed so that it looks the same as cell C6.

- (g) The security of the data is very important.

State **two** methods that could be used to protect data.

1

2

- (h) The company is also worried that its data may be lost.

State what can be done to make sure this data is not lost.

[Turn over

KU	PS
	1
	2
	1

2

2

2

1

2

1

2

1

2

1

1

1

1

1

KU	PS
2	

6. (continued)

(d) The finished robots come with a range of sensors.

State **two** types of sensor.

1 _____

2 _____

[Turn over

(a) People buying goods in her shop can use their credit cards.

What do the letters POS stand for?

2

State **one** advantage of using bar codes.

1

State the purpose of a check digit.

1

What is meant by interactive processing?

1

At the end of the day, a new file of all the items sold is created.

database package

database file

The _____ is the program file.

The _____ is the complete set of data.

2

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ACKNOWLEDGEMENTS

Question 1—Photograph of DC Electronics robot designers. Permission is being sought from DC Electronics.

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