



UNIVERSITY of CAMBRIDGE
International Examinations

2007

INTERNATIONAL GCSE

MARKING SCHEME

MAXIMUM MARK: 100

SYLLABUS/COMPONENT: 0418/02

Information Technology

SPECIMEN PAPER

If the name, centre number or candidate number is not printed on every page then this page will not be awarded any marks.

Printout of the second e-mail prepared and ready to send to the autoresponder

Address:	design.h@ucles.org.uk	1 mark
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Subject line	ICTCOREX	1 mark
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Body text	Candidate name & number & centre number & Here is the requested file.	1 mark

Rootrainer Trees

Plans for the future

Heading	sans-serif	1 mark
	72 point	1 mark
	Spelling correct	1 mark
	Centre aligned	1 mark
	Underlined	1 mark

Subheading	same sans-serif font	1 mark
	24 point	1 mark
	Spelling correct	1 mark
	Centre aligned	1 mark
	Italic – no underline	1 mark

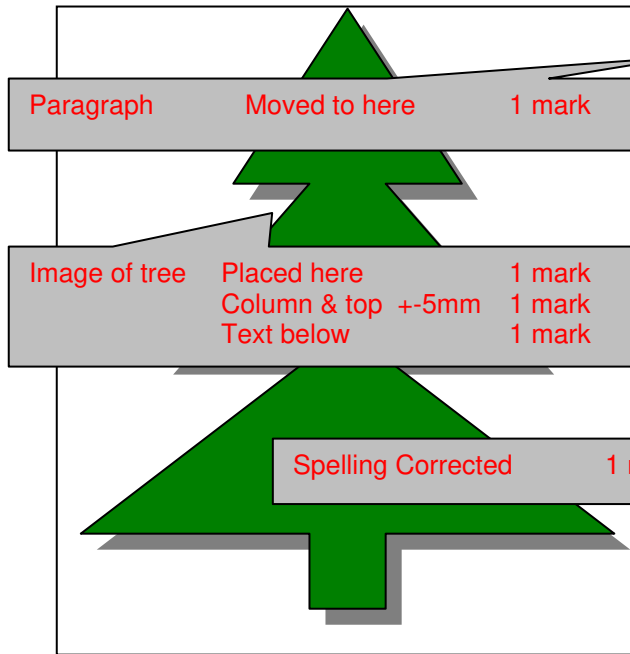
Page size	A4	1 mark
Orientation	Landscape	1 mark
First page	Single column	1 mark

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Expansion plans for the future include regional offices in seventeen more countries as many governments worldwide are starting to prioritise environmental issues. The original aim of the company; ‘to help in arresting the deforestation of the United Kingdom, by providing indigenous trees at a reasonable cost’ has grown into a multi million dollar business across the globe.

current offices in Japan, Thailand, Australia, India and Indonesia. His business plan has led to diversification, and there are current developments in the following areas:

- i. bonsai trees
- ii. landscaping
- iii. koi carp



The core **business** still remains the grown one-year-old seedlings called rootrainers. Costs continue to be kept low (both financially and environmentally) by retaining the sales of bare rooted trees in the second and subsequent years. Here is a brief comparison of the costs of growing and supplying 1 trees, comparing bare rooted and

supply and demand still exist but to a lesser degree. Rootrainer Trees nurseries continue to run at full capacity within England, and regional nurseries are now **in** full swing in America, Thailand and South Africa. The company currently has two nurseries with size 1 trees, comparing bare rooted and

Bullets changed to roman numerals 1 mark

Spelling Corrected 1 mark

Rootrainer Trees has shown major growth over the past twelve months and can now be hailed as a significant success story as it progresses from a small company which started in England, into a global force in arboreal supplies and conservation. Initially starting with offices in America, Thailand, Australia and South Africa, during the first six months of last year new offices opened in Brazil and Japan. The last few weeks have seen the opening of offices in Argentina, India and Indonesia.

Analysis	Size	Soil	Pot	Packing
Pot	1	£0.14	£0.03	£0.01
Bare	1	£0.00	£0.00	£0.08

has been acquired in Malaysia to try to counter the rapidly increasing demand. Here is a summary of the potential site allocations already identified, showing the number of sites and the total number of hectares:

Code	Sum Of Potential area	Count Of Sites
AF	463945	22
AM	618160	15
AS	664305	10
EU	256000	16
ME	154910	10
OC	8980	4

During the past twelve months some restructuring has taken place within the company. Takeo Ogawa was appointed to oversee the opening of the Japanese office and had such a background

Table Column 4 – 100% & correct place 1 mark
 2 rows deleted 1 mark
 No wrapping 1 mark
 All visible 1 mark

DB extract Placed here 1 mark
 Correct sums 2 marks
 Correct counts 2 marks
 No wrapping 1 mark
 All visible 1 mark

Candidate name

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The number of sites can be seen graphically.

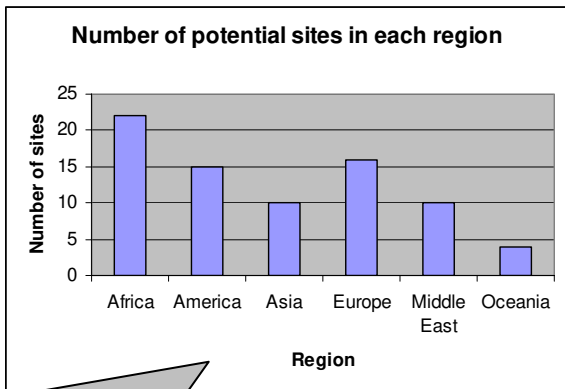


Chart	Placed here	1 mark
	Vertical bar chart	1 mark
	Correct region names	1 mark
	Data selection correct	1 mark
	Chart title	1 mark
	Category axis title	1 mark
	Value axis title	1 mark
	No legend	1 mark

effort to meet their customers' planting deadlines, but have always kept their customers fully informed if this has not been possible.

Body text	3 columns	2 marks
	4mm spacing	1 mark
	Serif font	1 mark
	1.5 line spacing	1 mark
	Fully justified	1 mark
All paragraphs indented 2cm (+-2mm)		1 mark
	Consistent line spacing between paras	1 mark

has specified has not been available, the company has substituted the next size down and customers have been informed about the reduction in price.

The market for shrubs has also continued to increase and Rootrainer Trees has continued to add an even wider range of shrubs which are entirely suitable for amateur gardeners and in particular the development of wildlife habitats.

The company has designed to allow on-line requests using the internet. These requests will list all the products and availability within each country, as well as providing the customer with the opportunity to request data on trees which meet their specific needs. For example, if a customer requested trees which were available for an acidic soil and which were between 40 and 89 centimetres in height, the database would suggest which trees or shrubs would be most suitable. It will also provide valuable information about the habit of each specimen, the maximum growing height and spread, growth rates and a multitude of other information.

The advent of the web server for the database has only been a partial success this year.

The other element in last years, corporate development, is to introduce a secure ordering

Header	Name - left	1 mark
	Centre no - centre	1 mark
	Cand no - right	1 mark
Alignment must match page setup for each mark +-5 mm		

to meet the perceived increase in sales that this is likely to cause.

The Information Systems team that manage the website have now finalised the stylesheet used to set the corporate house styles.

Spelling Corrected	1 mark
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This is an excerpt from it:

```
p {color: #00ff00; font-family: arial, helvetica, sans-serif; font-size: 12px}
li {color: #ff0000; font-family: times, "times new roman", serif; font-size: smaller; font-weight: bold}
```

P	Colour 00FF00	1 mark
	Hex specifier #	1 mark
	Size 12	1 mark
	Units - px	1 mark
	font-weight	1 mark
Li	; before	1 mark
	: bold	1 mark
	Serif	1 mark
	, before	1 mark
	100% accuracy – or alternative html syntax	

Footer	Automated page no	1 mark
Right alignment must match page setup for each mark +-5 mm		

Candidate name

Candidate number

No widows or orphans	1 mark
No split lists/ tables/ charts	1 mark
Document complete & paragraphs intact	1 mark

http://xtremepape.rs/

Candidate name

Centre number

Printout from step 39

Field Name	Data Type
ID	AutoNumber
Code	Text
Reference	Number
Country	Text
Current Size	Number
Potential size	Number
Owned	Yes/No

Field names meaningful 1 mark
 Data types Correct for all 6 marks
 Ignore ID field – or other key fields

Heading 100% correct 1 mark
 Search Code = OC or AS 2 marks
 Sort Ascending Growth 2 marks
 Growth Calculated field 2 marks
Potential-Current
 Data & labels fully visible 1 mark
 Orientation Portrait 1 mark
 Page Fits on a single page 1 mark
 Name In footer on right 1 mark

Far East Sites

Growth	Code	Country	Current Area	Potential area
0	AS	Malaysia	17000	17000
220	OC	Bali	0	220
460	OC	Australia	330	790
550	OC	Australia	0	550
1250	AS	Thailand	750	2000
2300	AS	Thailand	0	2300
4500	AS	Indonesia	0	4500
5000	AS	Thailand	0	5000
7420	OC	Australia	0	7420
8905	AS	China	0	8905
24000	AS	Malaysia	0	24000
150250	AS	China	0	150250
210000	AS	India	0	210000
240350	AS	China	0	240350

Candidates name

Small sites already owned

Country	Current Area	Potential area
South Africa	500	500
China	0	8905
Australia	330	790
Australia	0	550

Heading 100% correct 1 mark
 Search Owned = True AND current < 750 2 marks
 Sort Descending Country then Current area 2 marks
 Data & labels fully visible 1 mark
 Orientation Portrait 1 mark
 Page Fits on a single page 1 mark
 Name In Footer on left 1 mark

Candidates name