

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Advanced Subsidiary GCE

INFORMATION AND COMMUNICATIONS TECHNOLOGY 2514

Practical Applications of ICT Using Standard/Generic Applications Software

Thursday **9 JUNE 2005** Afternoon 1 hour 30 minutes

No additional materials are required.
Candidates answer on the question paper.

Candidate Name	Centre Number	Candidate Number												
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TIME 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

- Write your name in the space above.
- Write your Centre number and Candidate number in the boxes above.
- Answer **all** the questions.
- Write your answers, in blue or black ink, in the spaces on the question paper.
- Read each question carefully and make sure you know what you have to do before starting your answer.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is 90, of which 4 marks are allocated to the assessment of the quality of written communication.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.
- No marks will be awarded for using brand names of software packages or hardware.

FOR EXAMINER'S USE		
1		19
2		32
3		18
4		9
5		8
QWC		4
TOTAL		90

This question paper consists of 11 printed pages and 1 blank page.

An independent estate agency has recently merged with other independent estate agencies in the Northwest area of England. The name of the merged group is Lake and City.

1 It has been suggested that each agency within the Lake and City group has a continuous presentation explaining to clients the benefits of the merger.

(a) Identify **two** advantages and **one** disadvantage of using a wizard to create the presentation.

Advantage 1

.....

Advantage 2

.....

Disadvantage

.....[3]

(b) Automatic or manual transition can be used when running the presentation. Describe these transition methods.

Automatic

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Manual

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.....[6]

2 Details of all properties for sale at each agency are to be held in a database. The database can be either custom-written or developed using an off-the-shelf package.

(a) Identify and explain **three** advantages to the group of having the database custom-written.

Advantage 1

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Advantage 2

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Advantage 3

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.....[6]

(b) Identify and explain **two** advantages of using an off-the-shelf package.

Advantage 1

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Advantage 2

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.....[4]

(c) When developing a database, a data dictionary must be designed. Describe **four** items of information held about the data in a data dictionary.

Item 1

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Item 2

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Item 3

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Item 4

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.....[8]

(d) Standard reports will be printed from the database. Identify and explain **two** advantages and **two** disadvantages of using macros for this purpose.

Advantage 1
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Advantage 2
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Disadvantage 1
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Disadvantage 2
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.....[8]

The database will be used to perform queries based on clients' property requirements.

(e) Describe what is meant by a parameter query and give an example of when it could be used.

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.....[3]

(f) Describe what is meant by a cross-tab query and give an example of when it could be used.

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3 When a property is to be sold, a leaflet is produced describing the property.

(a) Describe the following attributes of a word-processing package that could be used when creating this leaflet.

Header
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Frames
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.....[4]

(b) A template for the leaflet has been produced. The member of staff who is producing the leaflet for a property has to fill in the specific details of the property.

Describe **two** benefits and **one** problem of using a template for the leaflet.

Benefit 1
.....
.....

Benefit 2
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Problem.....
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.....[6]

- (c) It has been suggested that a computerised information system be set up to enable the public to search the database for properties.

Describe **four** features of the user interface which will have to be considered when this system is being designed.

Feature 1

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Feature 2

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Feature 3

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Feature 4

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.....[8]

4 A Head Office has been opened to support all the agencies in the group. It will provide central administrative support.

(a) The Lake and City Head Office uses a spreadsheet package with a separate worksheet to record the sales of each agency. Explain why the Head Office uses worksheets.

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.....[6]

(b) State the type of chart most suitable to display the following.

(i) The proportion of properties sold by each agency in the Lake and City group in February.

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(ii) A comparison of the running costs of each agency in the Lake and City group.

.....

(iii) The quarterly profits of the Lake and City group.

.....[3]

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