

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
AS GCE**

G061/01

**INFORMATION AND COMMUNICATION
TECHNOLOGY**

Information, Systems and Applications

MONDAY 2 JUNE 2014: Morning

DURATION: 2 hours

plus your additional time allowance

MODIFIED ENLARGED

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:

None

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

Write your name, centre number and candidate number in the boxes on the first page. Please write clearly and in capital letters.

Use black ink. HB pencil may be used for graphs and diagrams only.

Answer ALL the questions.

Read each question carefully. Make sure you know what you have to do before starting your answer.

Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).

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 120, of which marks are allocated to the assessment of the quality of written communication where an answer requires a piece of extended writing. These questions are marked with an asterisk (*).

Any blank pages are indicated.

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Razzledazzle runs an event planning business. Events include exhibitions, parties and conferences.

1 Razzledazzle is developing a website to advertise the different services it provides.

(a) It will use its knowledge of event planning to put together the content for its website.

Describe what is meant by the term knowledge.

[2]

(b) The website will use different methods to convey information.

Compare text and video as methods that Razzledazzle could use on the website to convey information to customers.

[4]

(c) Describe how the following can affect the quality of information on the website:

Relevance _____

Completeness _____

[4]

- (d) Razzledazzle needs some images for its website. It could select images from a clipart library or an image library.**

Describe TWO differences between a clipart library and an image library.

1 _____

2 _____

[4]

2 Razzledazzle has a database of its customers, events and suppliers.

(a) Describe THREE components of a data dictionary that relate to TABLES.

1 _____

2 _____

3 _____

[6]

(b) Give the most suitable data type for each of the fields and state why you have chosen that data type.

Field	Data type	Why this data type has been chosen
Number of Guests		<hr/> <hr/>
Price		<hr/> <hr/>

[4]

(c) The database uses simple and complex queries.

Using examples related to Razzledazzle, describe what is meant by a simple query and a complex query.

Simple query _____

Complex query _____

[4]

- (d) Razzledazzle encodes some of the data about the event before it is entered into the database.

Describe TWO ADVANTAGES of encoding data about the event.

1 _____

2 _____

[4]

3 Razzledazzle has decided to produce leaflets to advertise an event.

(a) It will use applications software to create the leaflets.

Describe what is meant by applications software.

[2]

(b) Razzledazzle will use desktop publishing software to create the leaflets.

Justify the use of desktop publishing software for creating the leaflets.

[6]

4 Razzledazzle is producing a letter for all its existing customers to give them details of special offers.

(a) It is going to use mail merge to personalise the letters.

Put the stages below in the correct order to create a mail merge using a database and desktop publishing software. The first one has been done for you.

- | | | |
|----------|------------------------------------|----------|
| 1 | Preview mail merge | 5 |
| 2 | Create data source | _____ |
| 3 | Merge to new document | _____ |
| 4 | Insert merge fields | _____ |
| 5 | Create mail merge letter | _____ |
| 6 | Link letter and data source | _____ |

[3]

(b) The mail merge letter makes use of frames.

(i) In the context of a letter, describe what is meant by a frame.

[2]

(ii) Give an example of how a frame could be used in the mail merge letter.

[1]

(c) The mail merged letter is on more than one side of A4 paper.

Identify THREE changes that could be made to the letter, to make it fit on one side of A4 without altering the content.

1

2

3

[3]

5 Razzledazzle has taken over another event planning business.

(a) Describe TWO problems that could be caused by a lack of standardisation between the software used by Razzledazzle and the software used by the other business.

1 _____

2 _____

[4]

- (b) Razzledazzle has employed a software engineer to customise its event planning database.

Buttons and menus are two of the elements that can be customised on the database.

Describe what is meant by buttons and menus and give an example of their use when customising the database.

Buttons _____

Example _____

Menus _____

Example _____

[6]

(c) Macros could also be used to customise the database.

Describe TWO ADVANTAGES of using macros to customise the database.

1 _____

2 _____

[4]

- 6 (a) Razzledazzle uses a spreadsheet to answer ‘what-if?’ questions about its business.

Describe THREE ADVANTAGES of using a spreadsheet to answer ‘what-if?’ questions.

1 _____

2 _____

3 _____

[6]

(b) Describe how rules are used in spreadsheets to answer ‘what-if?’ questions.

[4]

7 Razzledazzle wants to produce a presentation showing the different services it can provide.

(a) The presentation could use automatic or manual transition.

Describe TWO ADVANTAGES of using AUTOMATIC transition in the presentation.

1 _____

2 _____

[4]

(b) The presentation could use bitmap or vector images.

Describe TWO characteristics of BITMAP images.

1 _____

2 _____

[4]

- (c) One software package Razzledazzle would need to buy is presentation software.

Identify TWO other software packages that Razzledazzle could buy to help produce the presentation. For each software package, identify how it could be used to help produce the presentation.

1 _____

Use _____

2 _____

Use _____

[4]

- (d) Identify ONE hardware cost that could be incurred by Razzledazzle in giving the presentation.

_____ [1]

- 8 Razzledazzle's computer contains many different files and file types.**

Explain why different file types are needed.

[4]

9 Razzledazzle has employed a network manager who is a member of the BCS.

(a) Describe the purpose of the BCS.

[4]

(b) The network manager uses a command-based user interface to help manage the network.

(i) Describe what is meant by a command-based user interface.

[2]

(ii) Give an example of the use of a command-based user interface by the network manager.

[1]

(c) The network manager has networked all of Razzledazzle's computers.

Describe TWO ADVANTAGES, to the CUSTOMER, of the computers being networked.

1 _____

2 _____

[4]

(d) A firewall has been installed onto the computer network.

Describe THREE ways firewalls can help keep data confidential.

1 _____

2 _____

3 _____

[6]

- (e) The presentation is accidentally deleted. However, a backup is available.

Identify TWO OTHER situations where Razzledazzle would need to use a backup of the presentation file.

1 _____

2 _____

[2]

[11]

[illegible]

[illegible]



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