

**GENERAL CERTIFICATE OF SECONDARY EDUCATION  
INFORMATION AND COMMUNICATION TECHNOLOGY**

ICT B (Foundation Tier)

**THURSDAY 17 JANUARY 2008**

Morning  
Time: 1 hour

Candidates answer on the question paper

**Additional materials (enclosed):** Insert 2380/1 & 2/PRE

**Additional materials (required):**

Flowchart stencil

Candidates pre-prepared materials



Candidate  
Forename

Candidate  
Surname

Centre  
Number

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

Candidate  
Number

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

**INSTRUCTIONS TO CANDIDATES**

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do **not** write in the bar codes.
- Do **not** write outside the box bordering each page.
- Write your answer to each question in the space provided.

**INFORMATION FOR CANDIDATES**

- The number of marks for each question is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **55**.
- No marks will be awarded for using brand names of software packages or hardware.

**FOR EXAMINER'S USE**

|              |  |
|--------------|--|
| 1            |  |
| 2            |  |
| 3            |  |
| 4            |  |
| 5            |  |
| 6            |  |
| <b>TOTAL</b> |  |

This document consists of **8** printed pages and an Insert.

1 Part of the database used by Exotic Holidays is shown in the table below.

| Customer Number | Holiday Code | Title | Surname  | First Name | Address line 1  | Address line 2 | Post code |
|-----------------|--------------|-------|----------|------------|-----------------|----------------|-----------|
| 10436           | SP1          | Mr    | Smith    | John       | 17 Bridge Road  | Wordsworth     | WW4 8LP   |
| 10766           | SP1          | Ms    | Cushing  | Sally      | 123 North Road  | Wordsworth     | WW1 2DP   |
| 10145           | BR1          | Miss  | Williams | Noreen     | 19 Green Road   | Bellfort       | BB5 9EL   |
| 10682           | CU3          | Mr    | Smith    | John       | 9 Acacia Avenue | Wordsworth     | WW3 8RD   |
| 10337           | BR1          | Mrs   | Lee      | Kim        | 5 Elm Avenue    | Williamsville  | WV7 3BR   |

(a) How many records are shown in the table?

.....[1]

(b) Circle **one** record in the table.

[1]

(c) For each record, how many fields are shown?

.....[1]

(d) Identify **one** field name shown in the table.

.....[1]

(e) Identify the name of the key field.

.....[1]

(f) What is a key field?

.....  
 .....[1]

(g) State the name of **one** field in the table that contains only numeric data.

.....[1]

(h) Give a suitable field length for the Holiday Code field.

.....[1]

2 Exotic Holidays communicates with customers electronically.

(a) Tick **each** of the statements below to show whether they are **true** or **false**

| Statement   | True | False |
|---|------|-------|
| When you send an email, it can be automatically saved on your system  |      |       |
| When you take part in a chat a record is saved on your system   |      |       |
| When you send an email both people have to be on-line at the same time                                      |      |       |
| When you take part in an instant messaging discussion, all participants have to be on-line at the same time |      |       |
| A chat is a real-time on-line conversation between many computer users                                      |      |       |
| On-line discussion forums are designed to build on-line communities of people with similar interests        |      |       |

[6]

(b) Give **four** safety guidelines for people to follow when using on-line chat rooms.

Guideline 1

.....  
 .....

Guideline 2

.....  
 .....

Guideline 3

.....  
 .....

Guideline 4

.....  
 .....

[4]

Exotic Holidays' staff work from home using computers.

- 3 Design a health and safety poster for Exotic Holidays' staff to display at home. Your poster must advise staff on health and safety issues when using computers.

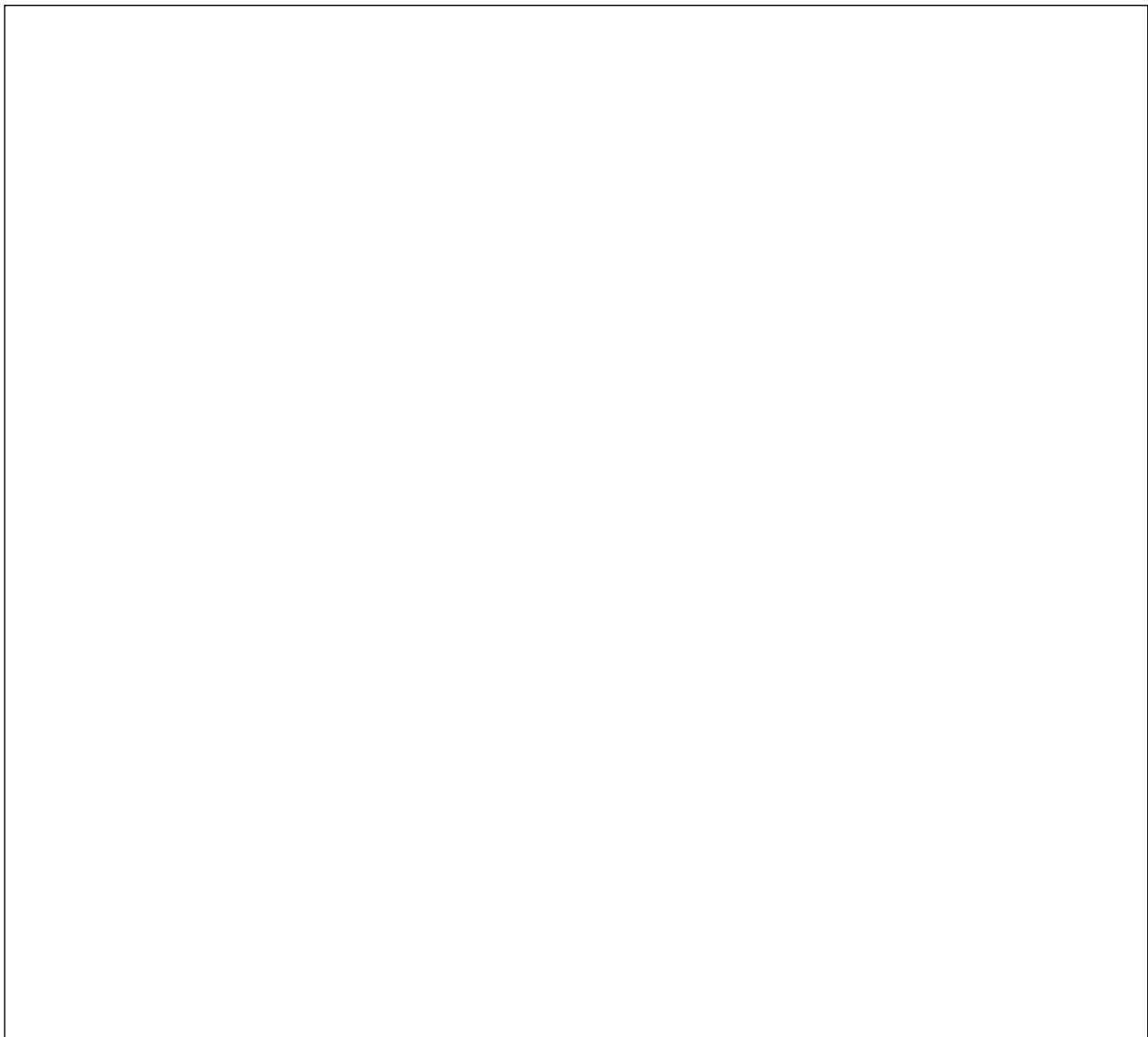
Your poster should focus upon the **three** main headings listed below:

- correct posture
- correct use of input/output devices
- Repetitive Strain Injury (RSI).

You should add **two** important safety points for each heading.

Marks will be awarded for:

- layout of poster using all the space provided
- suitability of design
- inclusion of important safety points.



[8]

5

4 Draw lines to connect each task below to the most suitable type of software.

You should select the type of software that would perform the task most efficiently.

You can select a type of software more than once.

| Task                               | Type of software     |
|------------------------------------|----------------------|
| To view pages on the Internet      | Spreadsheet software |
| To produce an animated cartoon     | Word processor       |
| To modify an image                 | Web browser          |
| To calculate the cost of a holiday | Animation software   |
| To produce a poster                | Graphics software    |
| To type a letter                   |                      |

[6]

5 Some people have lost money by booking holidays on bogus websites on the Internet.

Tick the **five** statements below that should be used to evaluate a website before booking a holiday on-line.

|   | True (✓) |
|---|----------|
| You should check for spelling and grammatical errors                  |          |
| You should check for other contact details such as a telephone number |          |
| You should look for a lot of graphics                                 |          |
| You should look for registered companies based in your own country    |          |
| You should look for attractive websites                               |          |
| You should look for membership of associations e.g. ABTA              |          |
| You should look for sites only available in search engines            |          |
| You should pay by credit card as you are protected                    |          |

[5]

6 You have been asked to design a new home page for the Exotic Holidays' website.

(a) Explain what a website home page is.

.....  
.....  
.....[2]

(b) List **three** other pages that the Exotic Holidays' website needs (do not include the home page).

Page 1 .....  
Page 2 .....  
Page 3 .....[3]

(c) When search engines are used to look for websites, they search on keywords.

List **four** keywords that would be useful to find the Exotic Holidays' site using a search engine.

Keyword 1 .....  
Keyword 2 .....  
Keyword 3 .....  
Keyword 4 .....[4]

(d) Design the layout of the home page for the Exotic Holidays' website.

Marks will be given for:

- appropriate layout
- appropriate content
- use of graphics
- clear labelling of each element.



[9]

**PLEASE DO NOT WRITE ON THIS PAGE**

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