

**GENERAL CERTIFICATE OF SECONDARY EDUCATION**  
**INFORMATION AND**  
**COMMUNICATION TECHNOLOGY**  
**ICT B (Foundation Tier)**

**2380/01**

Candidates answer on the question paper.

**OCR supplied materials:**

- Insert 2380/01/PRE (inserted)

**Other materials required:**

- Flowchart stencil
- Candidates pre-prepared materials

**Thursday 16 June 2011****Afternoon****Duration: 1 hour**

Candidate forename					Candidate surname				
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Centre number						Candidate number			
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**MODIFIED LANGUAGE****INSTRUCTIONS TO CANDIDATES**

- The insert will be found in the centre of this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. Pencil may be used for graphs and diagrams only.
- 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).
- Answer **all** the questions.
- Do **not** write in the bar codes.

**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 **55**.
- No marks will be awarded for using brand names of software packages or hardware.
- This document consists of **8** pages. Any blank pages are indicated.

- 1 Draw a line between each task and the most suitable type of software. One has been done for you.

Task	Software type
To calculate expenses	Email software
To amend a website	Diary software
To design a newsletter	Spreadsheet
To store data about companies	Database
To check what day of the week a date falls on	Desk Top Publishing
To explore the World Wide Web	Web authoring software
To send an email	Web browser

[6]

- 2 Each computer system at *Our Future* will include input devices, output devices and storage devices.

Give **two** examples of each type of device and state how each device would be used.

### **Input devices**

Device 1 .....

Use ..... [2]

Device 2 .....

Use ..... [2]

### **Output devices**

Device 1 .....

Use ..... [2]

Device 2 .....

Use ..... [2]

**Storage devices**

Device 1 .....

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

Device 2 .....

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

- 3** *Our Future* uses a digital application form. A user copies an older version of the file over the newest version by accident.

Explain **two** methods that could be used to reduce the effect of this human error and prevent it happening again.

1 .....

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2 .....

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[4]

- 4 Under each of the headings below describe how *Our Future* members can use mobile phones to gather and share information between its members when working in different locations.

You must state why the particular function would be beneficial to *Our Future*.

Built in cameras

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[3]

Email

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[3]

SMS

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[2]

Mobile internet

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[2]

- 5 Which **one** of these passwords is the most secure? Give reasons for your choice.

A Wednesday      B My-password      C HJK897E      D HjK897-e

Password chosen: .....

.....  
.....  
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.....  
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[3]

- 6 One of the pages of *Our Future* website is taking a long time to appear on the screen of one of our members.

Give **three** reasons why this could be happening.

1 .....

.....  
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2 .....

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3 .....

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[3]

- 7 *Our Future* uses spreadsheet software to calculate the environmental cost of travel.

Describe the advantages of using spreadsheet software rather than a calculator for calculating these costs.

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[5]

- 8 Design a home page for the *Our Future* website in the blank screen below.

[6]

- 9 The table below shows a variety of methods of data capture.

Draw lines to match each statement to the most suitable data capture method.

Data logging

Bar code reader

Used to input feedback to multiple-choice questions. Users put a simple mark in the box next to the chosen answer.

Answers

Used by banks to input cheque details.

Microchip reader

Used to collect information from the public about planned changes to the local road network.

MICR

Used to input information from a credit card when paying for petrol at a garage.

OCR

Used to gather weather data remotely.

OMR

Used to input information from a chemical container with a small label marked with a series of lines.

Questionnaires

Sensors

[6]

**END OF QUESTION PAPER**

**PLEASE DO NOT WRITE ON THIS PAGE**



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