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

**2380/01**

ICT B (Foundation Tier)

**Thursday 16 June 2011  
Afternoon**

**Duration: 1 hour**

Candidates answer on the question paper.

**OCR supplied materials:**

- Insert 2380/01/PRE (inserted)

**Other materials required:**

- Flowchart stencil
- Candidates pre-prepared materials



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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**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 For each task shown draw a line to 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. One of the users accidentally copies an older version of the file over the newest version.

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

1 .....

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.....

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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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.....

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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: .....

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
..... [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 .....  
.....  
2 .....  
.....  
3 .....  
..... [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 In the blank screen below, design a home page for the *Our Future* website.



[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**

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