

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
GENERAL CERTIFICATE OF SECONDARY EDUCATION**

**2380/01**

**INFORMATION AND  
COMMUNICATION TECHNOLOGY**

**ICT B (Foundation Tier)**

**THURSDAY 16 JUNE 2011: Afternoon**

**DURATION: 1 hour**

**SUITABLE FOR VISUALLY IMPAIRED CANDIDATES**

**Candidates answer on the question paper.**

**OCR SUPPLIED MATERIALS:**

**Insert 2380/01/PRE (inserted)**

**OTHER MATERIALS REQUIRED:**

**Flowchart stencil**

**Candidates pre-prepared materials**

**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. 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.**

## **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.**

**BLANK PAGE**

- 1 For each task shown in the left hand column below, draw a line to the most suitable type of software in the right hand column. 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 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ [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 four passwords A–D 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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**[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]**



- 8 Give a written description or make a drawing of a design for a home page for the 'Our Future' website. Use the blank screen on the next page if you decide to make a drawing. You may use the drawing if you wish to show the layout of the main areas of the screen and the written description to give details of the contents of each area. [6]**



**9 The right hand column of boxes opposite shows a variety of methods of data capture.**

**Draw lines to match each statement in the left hand column of boxes to the most suitable data capture method in the right hand column.**

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

**Data logging**

**Used by banks to input cheque details.**

**Bar code reader**

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

**Answers**

**Microchip reader**

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

**MICR**

**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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