

Candidate Name

Centre
NumberCandidate
Number

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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS****General Certificate of Secondary Education****INFORMATION AND COMMUNICATION
TECHNOLOGY****2380/01**

ICT B (Foundation Tier)

Tuesday

7 JUNE 2005

Morning

1 hour

Additional materials:

Candidates answer on the question paper

Flowchart stencil

Candidates pre-prepared materials

TIME 1 hour**INSTRUCTIONS TO CANDIDATES**

Write your name, Centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Write your answers in the spaces provided on the question paper.

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.

FOR EXAMINER'S USE	
Question number	marks
1	
2	
3	
4	
5	
6	
TOTAL	

This question paper consists of 8 printed pages and an insert.

1 For each of the devices shown below, state whether the device is:

- an input device
- an output device
- a storage device.

Put **one** tick in each row in the table below to indicate your answers.

Device	Input device	Output device	Storage device
Mouse			
Light pen			
Printer			
Magnetic tape drive			
Hard disk drive			
Hand-held scanner			
Flat screen monitor			
Plotter			
Digital camera			

[9]

2 The following list gives ways of getting pictures for use in Look Lively's brochure:

- Scanner
- Clip-art
- Digital camera
- Drawing the pictures yourself using drawing software.

Give **one** advantage for each method used.

Scanner

Advantage
.....

Clip-art

Advantage
.....

Digital camera

Advantage
.....

Drawing the pictures yourself using drawing software.

Advantage
.....

[4]

3 Match the name of the input method below to its description.

- MICR
- OCR
- Bar code
- Swipe card
- Smart card
- Pressure sensor

An input device that signals a door to open automatically when a customer walks on a pad in the doormat	
Lettering that appears on the bottom of cheques	
Device with a built in chip that has the new loyalty points written to it each time a customer uses the card	
Pattern of lines that represent a product number	
A way of converting paper-based text to a word processing file	
This has data stored on a magnetic strip which can be read but not written to	

[6]

4 Look Lively stores details of employees and customers on its computer system. It is important that these records cannot be accessed by anyone other than authorised staff.

(a) State **three** ways that unauthorised people can be prevented from accessing data.

Way 1

.....

Way 2

.....

Way 3

.....

[3]

It is also important to make sure that data is not lost.

(b) State **three** ways that data can become lost or damaged.

Way 1

.....

Way 2

.....

Way 3

.....

[3]

In case data gets lost or damaged, it is important to have backup copies.

(c) State a suitable backup medium for each of the following files:

A small word processing file of 2 kilobytes (Kb)

.....

A large picture file of 10 megabytes (Mb)

.....

The network server files of 20 gigabytes (Gb)

.....

[3]

5 Look Lively has decided to have an interactive presentation for customers in the store. It would give them general information, details of special offers, and allow them to search the catalogue for books and videos they might be interested in.

(a) State what is meant by the word **interactive** in this situation.

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

(b) State **three** advantages of the interactive presentation system for Look Lively customers.

Advantage 1

.....
.....

Advantage 2

.....
.....

Advantage 3

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

(c) The interactive presentation system will be used by customers who may know very little about ICT.

Explain how you would make the system easy for customers to use.

.....
.....
.....
.....
..... [4]

- (d) Different people will need different rights of access to the interactive presentation system.

Read the descriptions below and add ticks to show all the user rights they should have.

You will need to use ten ticks.

Customer – will use the system to find information

Presentation author – will set up and manage the system

Shop assistant – will access data and amend prices in the sale

	Delete	Search	Read and write	Read only	Amend
Customer					
Presentation author					
Shop assistant					

[10]

- 6 You have been asked to design a page for Look Lively's interactive screen presentation.

Design a page that shows products for sale.

You should include:

- a plan for the page showing what might be included
- links so that customers can move through the interactive system
- labels to show the different items on the page.

You do not need to give full text for your page, but you must indicate clearly what would be included.

[9]