

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)

Thursday

20 JANUARY 2005

Afternoon

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	
7	
8	
TOTAL	

This question paper consists of 8 printed pages.

- 1 Most computers include a floppy disk drive, hard disk drive and CD-ROM drive. Some now have Zip disk drives and DVD drives.

Tick the box in the table to give the best description of the media shown.

	Floppy Disk	Hard Disk	CD-ROM	Zip Disk	DVD
Is the cheapest					
Retrieves data the fastest					
Is not portable					
Looks like a floppy disk but holds more data					

[4]

- 2 Complete the following table and give one use that Look Lively might have for each of the devices listed.

The first one has been done for you.

Equipment	Use
Concept keyboard	<i>Used by coffee shop staff for selling goods</i>
Bar code scanner	
Touch screen	
Web cam	
Swipe card reader	

[4]

3 Look Lively intends to produce a brochure with pictures of books. They have been given printed photographs of two book covers; they also want to show some images of customers.

(a) State an input device Look Lively would use to capture the existing photographs in digital format.

..... [1]

(b) How could Look Lively get images of its customers onto its computer?

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

(c) Name a type of printer that would be suitable to produce a single colour copy of the leaflet.

Give **two** reasons for your choice.

Printer: [1]

Reason 1:
..... [1]

Reason 2:
..... [1]

(d) Explain why digital colour pictures used in magazines and brochures are usually stored on CD or Zip disks rather than conventional floppy disks.

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

4 Some of the staff at Look Lively use computers for most of their working day.

Give **three** health and safety risks that people who use computers should be aware of.

In each case, suggest **two** safety precautions to minimise the risk.

Do not use the same safety precaution twice.

Risk 1

Safety precaution 1

.....

.....

Safety precaution 2

.....

.....

Risk 2

Safety precaution 1

.....

.....

Safety precaution 2

.....

.....

Risk 3

Safety precaution 1

.....

.....

Safety precaution 2

.....

..... [9]

5 State which type of software package a shop manager would use for the following:

Automatic calculation of daily sales

.....

Production of advertising leaflets

.....

Editing a picture that has been taken by a digital camera

..... [3]

- 6 All the books and videos sold by Look Lively are listed in their electronic catalogue. This is a typical entry from the catalogue.

Item number: COT1874
Title: Sweet or Sour?
Author: Matt Cotton
ISBN Number: 0000 234567 67
Publisher: Moody
Year released: 1984
New/Second hand: Second Hand
Media: Hardback/Paperback/Video/DVD
Category: Fiction
Condition: Good
Price: £12.50

- (a) Write down a type of software that would be suitable for storing the catalogue.
 [1]

- (b) State why each product in the catalogue has an item number.

 [1]

- (c) The catalogue is available in the shops to be used by members of the public who want to look for books or videos that interest them.
 Describe how a customer would use the search function to find all the paperback books by Robert Wilton.

 [3]

- (d) The catalogue is also used by staff to find stock and keep track of what they have available. Staff members have to log on to the system using a user name and password.
 State why members of staff have to log on before they can use the system.

 [1]

- (e) Explain how the data on the system should be protected against damage by the customers who use it.

 [2]

7 You have been asked by the manager of Look Lively to give her some ideas that she could use on her website.

(a) Explain what a website home page is.

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

(b) List **three** other pages that Look Lively’s website needs to have.

Do not include the home page.

Page 1
Page 2
Page 3 [3]

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

List **four** keywords that would be useful to find Look Lively’s site using a search engine.

Do not use the words ‘Look’ and ‘Lively’.

Keyword 1
Keyword 2
Keyword 3
Keyword 4 [4]

- 8 Design the layout of the home page and **one** other page for Look Lively's website.

You should show where the pages would link to other pages on the site. Label your designs, describing links and other essential elements.

The site design should appeal to young adults.

Marks will be given for appropriate layout and content, use of graphics, clear labelling. [9]