

Candidate Name	Centre Number	Candidate Number
		4



Entry Level

734/01

INFORMATION AND COMMUNICATION TECHNOLOGY

A.M. MONDAY, 23 March 2009

1 Hour

Examiner only

Total Marks	
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INSTRUCTIONS TO CANDIDATES

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

Answer **all** questions in the spaces provided in this booklet.

If you have difficulty in reading a question, put up your hand and the teacher-in-charge will read it to you.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question or part-question.

Answer **all** questions in the spaces provided.

1. Name the following computer devices.



.....



.....



.....



.....

[4]

2. A sweet shop “Chocs Are Us” wishes to keep information about its sweets on a computer using a **DATABASE**.

(a) In the spaces below write down **FOUR (4) FIELDS** that could be used.

Name of Sweet				
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[4]

(b) List **TWO (2)** advantages of keeping all the information on a computer.

(i)

(ii)

[2]

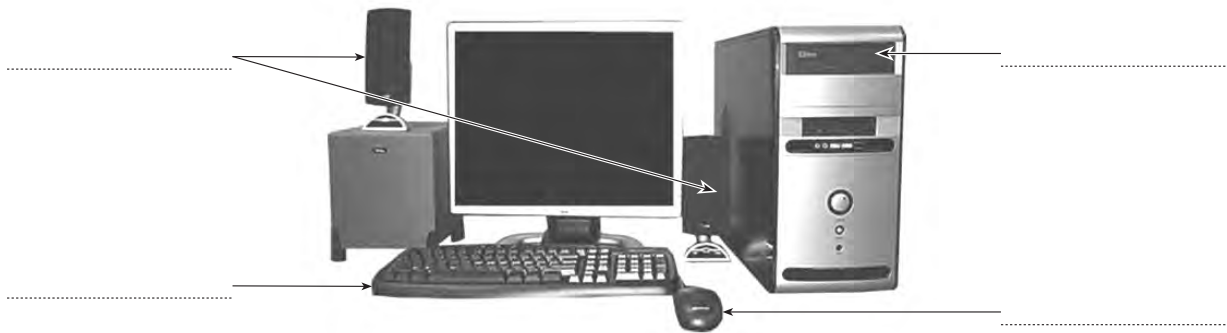
3. Label the diagram using the words given below.

Keyboard

Mouse

CD Drive

Speakers



[4]

4. Tick (✓) the correct box for the following.

Device	INPUT	OUTPUT
Printer		
Scanner		
Touch Screen		
Projector		
Joy Stick		

[5]

5. Helen plays Netball for the school. She makes a spreadsheet of information about the games, won, lost and drawn for the four schools in the town.

The spreadsheet is shown below.

	A	B	C	D	E
1	TEAM	WON	DRAWN	LOST	PLAYED
2	Major High School	5	2	3	10
3	Blake College	1	3	4	
4	Event Comprehensive	3	3	6	
5	Burrow Academy	6	0	5	

(a) In cell **B4** there is **3**. What is in cell **D5**?

(b) The formula for the **Total Games Played for Major High School** is

$$\mathbf{B2 + C2 + D2}$$

Fill in column **E** with the correct totals for the games played.

(c) What is the formula for the **Total Games Played for Burrow Academy**?

.....

[6]

6. The **INTERNET** is now used in a large number of homes.

(a) Apart from a computer and printer what other device do you need to access the Internet?

.....

(b) Name **TWO (2)** worries people have when using the Internet.

(i)

(ii)

[4]

7. The picture below is of a **Computerised Shop Till**. It is used to scan items at the till for customers. Use the words below to label the diagram.



Bar Code Scanner

Receipt Printer

Screen

(a) Give **TWO (2)** advantages of using the **Computerised Shop Till**.

.....

.....

(b) Give **TWO (2)** disadvantages of using the **Computerised Shop Till**.

.....

.....

[7]

8. **ROBOTS** are now used in many industries including Car Manufacturing.



(a) Name **TWO (2)** advantages of using a **ROBOT** in **car manufacturing**.

(i)

(ii)

(b) Name **TWO (2)** jobs a **ROBOT** could do in this type of factory.

(i)

(ii)

(c) Name another industry where robots can be used.

.....

[5]

9. The School Library uses a **DATABASE** to keep all the information about their books. Part of the information is shown below.

Reference Number	Title of Book	Publisher	Author	Category	Number in Stock
233	The Ice Cap	Penguin	J.K. Yetti	Adventure	9
136	China Trains	Express	I.M. Porter	Travel	4
496	The Kiss	School	B. Lipp	Romance	3
377	Karateeeeeee	Shoaling	K. Fu	Action	4
111	Castles	Penguin	B. Builder	History	0

(a) How many **RECORDS** are shown?

(b) How many **TEXT** fields are there?

(c) What are the names of the **NUMBER** fields?

.....

(d) There is a mistake in the **Title of Book** field. How did this mistake happen?

.....

(e) The **Reference Number** is sorted into smallest first. Who is the Author of the last book?

.....

[8]

10. Newspapers often mention the terms **COMPUTER VIRUS** and **COMPUTER HACKER**.

(a) What is a **COMPUTER VIRUS**?

.....

.....

(b) What is a **COMPUTER HACKER**?

.....

.....

(c) Name **TWO (2)** ways of protecting your data.

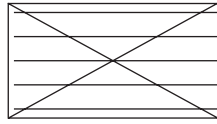
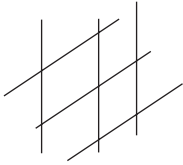
(i)

(ii)

[6]

11. **Bar Codes** are printed on many items we buy.

(a) Which of the following is a Bar Code? Please **TICK** (✓) the correct one.



(b) Give **TWO (2)** advantages to the customer if a shop uses bar codes.

.....

.....

(c) Give **TWO (2)** advantages to the owner if a shop uses bar codes.

.....

.....

[5]