

Candidate Name	Centre Number	Candidate Number

WELSH JOINT EDUCATION COMMITTEE



CYD-BWYLLGOR ADDYSG CYMRU

ENTRY LEVEL CERTIFICATE

TYSTYSGRIF LEFEL MYNEDIAD

734/01

**Entry Level Certificate**

**INFORMATION AND COMMUNICATION TECHNOLOGY**

P.M. TUESDAY, 28 March 2006

(1 Hour)

**Examiner only**

<b>Total Marks</b>	
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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.

No certificate will be awarded to a candidate detected in any unfair practice during the examination.

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

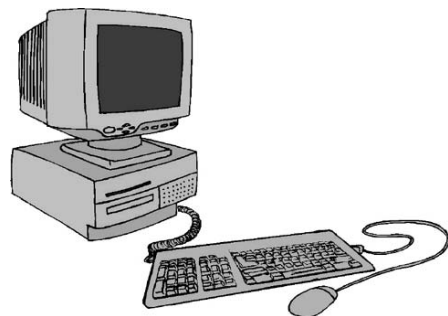
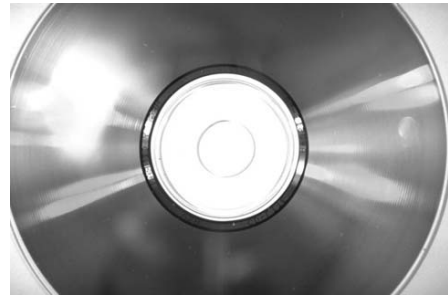
1. Name the following computer equipment using the words given below. [4]

**CD**

**LAPTOP**

**FLOPPY DISK**

**PC**



2. The items listed below can be used for **INPUT**, **OUTPUT** or **STORAGE** of data.

Tick (✓) the correct box for **each** item.

[5]

	<b>INPUT</b>	<b>OUTPUT</b>	<b>STORAGE</b>
Scanner			
Mouse			
Light Pen			
CD			
Microphone			

3. The **INTERNET** is used in many homes to send **e-mail** to other users.

(a) Name **TWO** (2) other things that can be done on the **INTERNET**. [2]

(i) .....

(ii) .....

(b) Circle the **TWO** (2) pieces of equipment you **must** have to access the **INTERNET** at home. [2]

**PRINTER**      **MODEM**      **JOYSTICK**      **TELEPHONE LINE**

(c) What does **send e-mail** mean? [2]

.....  
.....

4. Computers are used in many areas in a school. **SOFTWARE PACKAGES** such as Word Processing and Spreadsheets are used on these computers.

List **THREE** (3) other **SOFTWARE PACKAGES** that could be used in a school. [3]

(i) .....

(ii) .....

(iii) .....

5. A local **Estate Agent** keeps information on all houses for sale. It places this information in a computer database. A part of this database is shown below.

Reference Number	Address	House Type	Number of bedrooms	Price
345	1 Western Avenue	Detached	6	£320,000
1002	23 Tollgate Road	Semi	3	£145,600
45	345 High Street	Detached	5	£255,000
667	23 Queen's Road	Semi	33	£94,950
134	10 King's Road	Bungalow	3	£87,900

(a) How many **RECORDS** are shown? ..... [1]

(b) Name the **TEXT FIELDS**. [2]

.....  
.....

(c) There is a mistake in the **NUMBER OF BEDROOMS** field.

How could this mistake have occurred? [2]

.....  
.....  
.....

(d) If the **REFERENCE NUMBER** is sorted into smallest first, what is the **PRICE** of the **LAST** house? ..... [2]

6. Losing important information stored in your computer is a problem.

(a) Name **TWO** (2) ways that you could lose information stored on your computer. [2]

(i) .....

(ii) .....

(b) Name **TWO** (2) ways you could **PROTECT** the information stored on your computer. [2]

(i) .....

(ii) .....

7. The following spreadsheet shows the money collected for a school charity week.

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>1</b>	<b>Day</b>	<b>Cakes Sold</b>	<b>Biscuits Sold</b>	<b>Drinks Sold</b>	<b>Total Money</b>
<b>2</b>	Monday	£5	£1	£6	£12
<b>3</b>	Tuesday	£2	£3	£5	
<b>4</b>	Wednesday	£3	£3	£3	
<b>5</b>	Thursday	£6	£1	£2	
<b>6</b>	Friday	£3	£2	£4	

(a) The data in cell **B5** is £6.

Write down the data in cell **D1** ..... [1]

(b) The formula for the **Total Money** for **Monday** is **B2 + C2 + D2**.

Fill in **COLUMN E** with the correct total of the other days. [4]

(c) Write down the formula for the **Total Money** for **Friday**. [2]

.....  
.....

8. A **SUPERMARKET** wishes to keep information about the stock it has on the shelves, on a computer using a **DATABASE**.

(a) In the spaces below, write down **FOUR (4) FIELDS** that could be used. An example has been done for you. [4]

<b>REFERENCE NUMBER</b>				
-----------------------------	--	--	--	--

(b) Why is a **REFERENCE NUMBER** important? [2]

.....

.....

.....

(c) Name **ONE (1)** device that could be used on the tills to easily enter the bought products. [1]

.....

(d) What would be needed on every product for the item to be read? [1]

.....

9. **MICROPROCESSORS** are used to control many devices, such as washing machines.

(a) Name **TWO (2)** other different devices controlled by microprocessors. [2]

(i) .....

(ii) .....

(b) Name **THREE (3)** kinds of **SENSOR** that could be used in an automatic washing machine. [3]

(i) .....

(ii) .....

(iii) .....

10. “Suits You Sir” is a clothes shop and is sending a letter to all its customers. The letter is shown below.

Dear Customer

Many thanks for shopping with SUITS YOU SIR over the last year.

There will be offers on next month so please spend more money!

Yours sincerely

Samantha Smith  
Director

- (a) List **THREE** (3) ways using Word Processing or Desk Top Publishing could improve the presentation of this letter. [3]

(i) .....

(ii) .....

(iii) .....

- (b) What feature of the software could be used to make sure the spelling was correct? [2]

.....

**11.** Banks allow customers to take money out of their accounts using a **CASHPOINT** machine.

(a) Name **ONE** (1) **INPUT** device found at the **CASHPOINT**. [1]

.....

(b) Name **ONE** (1) **OUTPUT** device found at the **CASHPOINT**. [1]

.....

(c) Write down the correct order of getting money from the **CASHPOINT**.  
The first letter is done for you. Complete the rest. [2]

**A** Type in Pin Number

**B** Put in card

**C** Receive money

**D** Select amount

**E** Remove card

**B** .....  
.....  
.....  
.....

(d) Why are **Pin Numbers** so important? [2]

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