

Name _____/class _____

GHS

ICT TEST

S.6

TIME: 1 HOUR 40 MINUTES

INSTRUCTIONS: Answer all questions

1. (a) What is a computer?

(b) State and elaborate any two ways of each of the following can use a computer

i) Health worker

ii) Police

iii) Secretary

iv) Store keeper

2. (a) State four rules that need to be observed in a computer room (2)

(b) i) What is meant by the term computer hardware?

ii) For each of the following situations, state the most appropriate hardware device to use;

Making a hard copy of a document

Converting a document on paper into a digital format

The salesman who needs to determine the price of a commodity at the supermarket

An input device to play a computer game

To accurately print out vector graphics

iii) What is an application software?

iv) Which application software is most appropriate in the following situations?

The secretary writing a letter and mailing it to a number of recipients

A wife preparing a domestic budget

Editing an image to be inserted in a document

Designing a brochure for the computer club

3. (a) Give any two advantages of using a computer in word processing other than a type-writer.

b) State what the following commands would be used for in word processing:

(i) Cut followed by paste (:?)

(ii) Copy followed by paste (2)

(iii) Find followed by replace (2)

iv) Paste special

4. i) what is a computer port?

ii) Identify the port applied in each of the following

Connecting a printer which does not have a USB outlet

Connecting a music keyboard to a computer

Connecting a non-USB mouse to a computer

Connecting a digital camera to a computer

vii) Briefly explain the nature of the following files making your judgement based on their file extensions;

senior_six_results.xls

Senior_six_results.doc

5(a) **Tick** (✓) to indicate which of the following statements about *Bluetooth* technology are **True** or **False**. [3]

Statements	TRUE	FALSE
Bluetooth allows people to listen to music using wireless earphones.	<input type="checkbox"/>	<input type="checkbox"/>
Bluetooth is a method used to transfer data over very long distances.	<input type="checkbox"/>	<input type="checkbox"/>
Bluetooth allows you to backup your mobile phone onto your PC.	<input type="checkbox"/>	<input type="checkbox"/>

(b) Many people use Geographical Information Systems (GIS).

Give **one** advantage and **one** disadvantage of the use of GIS.

[2]

Advantage:

Disadvantage:

(c) State one advantage and one disadvantage of downloading music and videos from websites.

[2]

Advantage:

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Disadvantages:

.....

6. The coach at a swimming club keeps details of all club members on a database. Part of the database is shown below.

Club Number	Name	Event	Gender	Training Slot	International Honours
1123	Smith P	Front crawl	M	1	N
1124	Fry T	Backstroke	F	1	Y
1125	Singh M	Butterf ly	M	3	N
1128	Pollen B	Front crawl	M	2	N
1189	Rush A	Front crawl	F	3	N
1233	Chung G	Backstroke	F	5	N
1455	Knight V	Butterf ly	M	6	N
1521	Lamb E	Backstroke	M	1	Y

(a) State how many records are shown in the above database.

[1]

(b) The **Gender** field contains the letters M or F. Describe **one** benefit of encoding the data in **this way**.

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7. A family use a spreadsheet to help them manage their household budget, as shown below.

	A	B	C	D	E	F	G
1	Month	Income	Heating	Phone	Food	Total Costs	Balance
2	Jan	£2100	£150	£50	£600	£800	£1300
3	Feb	£2100	£156	£44	£500	£700	£1400
4	Mar	£2100	£145	£55	£700	£900	£1200
5	Apr	£2100	£137	£63	£500	£700	£1400
6	May	£2100	£123	£77	£500	£700	£1400
7	Jun	£2100	£23	£77	£600	£700	£1400
8	Jul	£2100	£10	£90	£800	£900	£1200
9	Aug	£2100	£10	£90	£100	£200	£1900
10	Sept	£2100	£50	£50	£200	£300	£1800
11	Oct	£2100	£123	£77	£600	£800	£1300
12	Nov	£2100	£138	£62	£500	£700	£1400
13	Dec	£2100	£147	£53	£600	£800	£1300

(a) Give the data in cell A6.

[1]

(b) State the formula, which could be used to give the **Total Costs** in cell **F6**. [1]

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(c) Give a suitable formula for working out the *Balance* in Cell **G4**.

[1]

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(d) Suggest **two other** columns the family could have included that could have an effect on **Total Costs**. [2]

1.

2.

(e) Name **two different** advantages of using a spreadsheet to control budgets.

[2]

Advantage 1.

Advantage 2.

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