

**Wednesday 18 May 2016 – Morning**

**GCSE INFORMATION AND COMMUNICATION TECHNOLOGY**

**B061/02** ICT in Today's World

Candidates answer on the Question Paper.

**OCR supplied materials:**

None

**Other materials required:**

None

**Duration:** 1 hour



Candidate forename						Candidate surname					
Centre number						Candidate number					

## INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the bar codes.

## 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 **60**.
- Your Quality of Written Communication is assessed in questions marked with an asterisk (\*).
- This document consists of **12** pages. Any blank pages are indicated.

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Answer **all** the questions.

- 1 Identify **two** items of hardware that are used to input text into a computer.

1 .....

2 ..... [2]

- 2 Draw a line to link each of the tasks shown below to the most appropriate software application.

Task
To combine video, audio, text and images
To create a poster advertising a school play
To record the income and expenses of a small club
To remove 'red-eye' from a family picture

Software application
desktop publishing
multimedia
photo-editing
spreadsheet

[4]

- 3 All computers need utility software.

Identify **one** example of utility software and give a use.

Example .....

Use .....

..... [2]

- 4 Describe **two** ways that **software** can help disabled people to use computers.

1 .....

.....

.....

.....

2 .....

.....

.....

..... [4]

[6]

.....[1]

.....[1]

6 Alice is a school student. **Fig. 1** shows the contents of her user area on the school network.



**Fig. 1**

Alice saved her English homework into her user area. Later, she had difficulty finding her homework.

Give **two** reasons why Alice **cannot** easily find her homework.

1 .....

.....

2 .....

.....

[2]

7 What is 3D printing?

.....

.....

.....

.....

[2]

5

- 8 Jake has bought a large number of music and video files. He uploads these files to a file-sharing website for his friends to copy.

Explain why Jake should **not** do this.

.....

.....

.....

..... [2]

**9\*** Describe how a bus company could use ICT to monitor its buses and drivers.

Marks will be awarded for the quality of written communication in your answer.

[8]

**10** Ingrid is creating a database on her tablet computer to store personal details of her friends.

**(a)** Describe **three** features of the user interface on her tablet computer that Ingrid can use to create her database.

- 1 .....
- .....
- .....
- .....
- 2 .....
- .....
- .....
- .....
- 3 .....
- .....
- .....
- .....

**[6]**

(b) Part of Ingrid's database is shown in Table 1.

Code	Forename	Surname	Gender (M/F)	Date of birth	Email address
0001	Amy	Burton	F	12/01/1997	amy@burton.co.uk
0002	Connor	Wood	M	11/12/1996	connor@wood.com
0003	Simran	Khan	F	18/08/1996	sim@khan.me
0004	Leigh	McDuncan	F	14/09/1997	leigh@mcduncan.co.uk
0005	Rohan	Mattharu	M	12/01/1997	ro@matt.me
0006	Anna	Murphy	F	14/02/1997	anna@murphy.co.uk

**Table 1**

- (i) Describe how Ingrid could use her database to display her friends in order of age, with the youngest first.

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.....

.....

.....

.....

..... [3]

- (ii) Ingrid wants to send an email to all the girls in her database.  
Describe how she could use her database to show a list of the girls.

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.....

.....

.....

.....

..... [3]



(c) Ingrid does not want anyone else to be able to read the details in her database.

Give **two** ways that she could try to prevent others from reading her database.

1 .....

.....

2 .....

.....

[2]



12 (a) Describe what is meant by biometric data.

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.....

..... [2]

(b) Describe what is meant by artificial intelligence.

.....

.....

.....

..... [2]

END OF QUESTION PAPER

