

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
GCSE**

B061/02

**INFORMATION AND COMMUNICATION
TECHNOLOGY**

ICT in Today's World

WEDNESDAY 18 MAY 2016: Morning

**DURATION: 1 hour
plus your additional time allowance**

MODIFIED ENLARGED

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:
None

OTHER MATERIALS REQUIRED:
None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

Write your name, centre number and candidate number in the boxes on the first page. 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.

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 (*).

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]

5 Louis uses his computer to create movies.

Louis has used his digital video camera to record three long video clips.

(a) Describe how Louis could use video-editing software to create one short movie from his recordings.

[6]

Louis exports his final movie and stores it on his computer.

(b) State ONE suitable file type that Louis could use.

_____ **[1]**

Louis has also recorded some audio clips to use in his movie.

(c) State ONE suitable file type that Louis could use to store audio clips.

_____ **[1]**

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

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

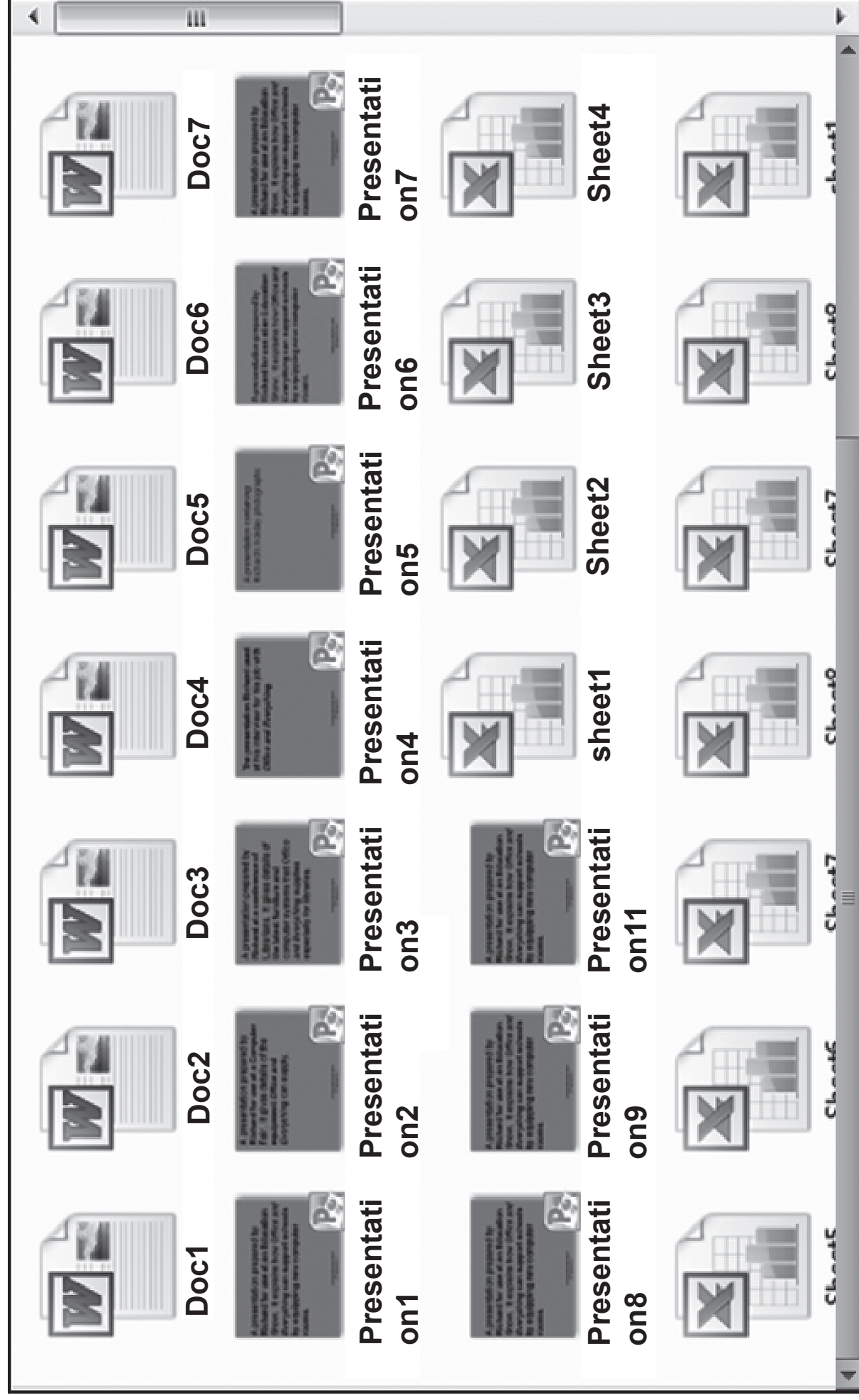
Give TWO reasons why Alice CANNOT easily find her homework.

1 _____

2 _____

[2]

Fig.1



7 What is 3D printing?

[2]

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]

[illegible]

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.

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

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

[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.

[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]

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

[illegible]

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

[2]

(b) Describe what is meant by artificial intelligence.

[2]

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margins.

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