

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 24pt

| | | | | | | | | | | |
|-------------------------------|--|------------------------------|--|--|--|-----------------------------|--|--|--|--|
| Candidate forename | | Candidate surname | | | | | | | | |
| Centre number | | | | | | Candidate number | | | | |

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.

BLANK PAGE

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.

[illegible]

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 opposite 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.

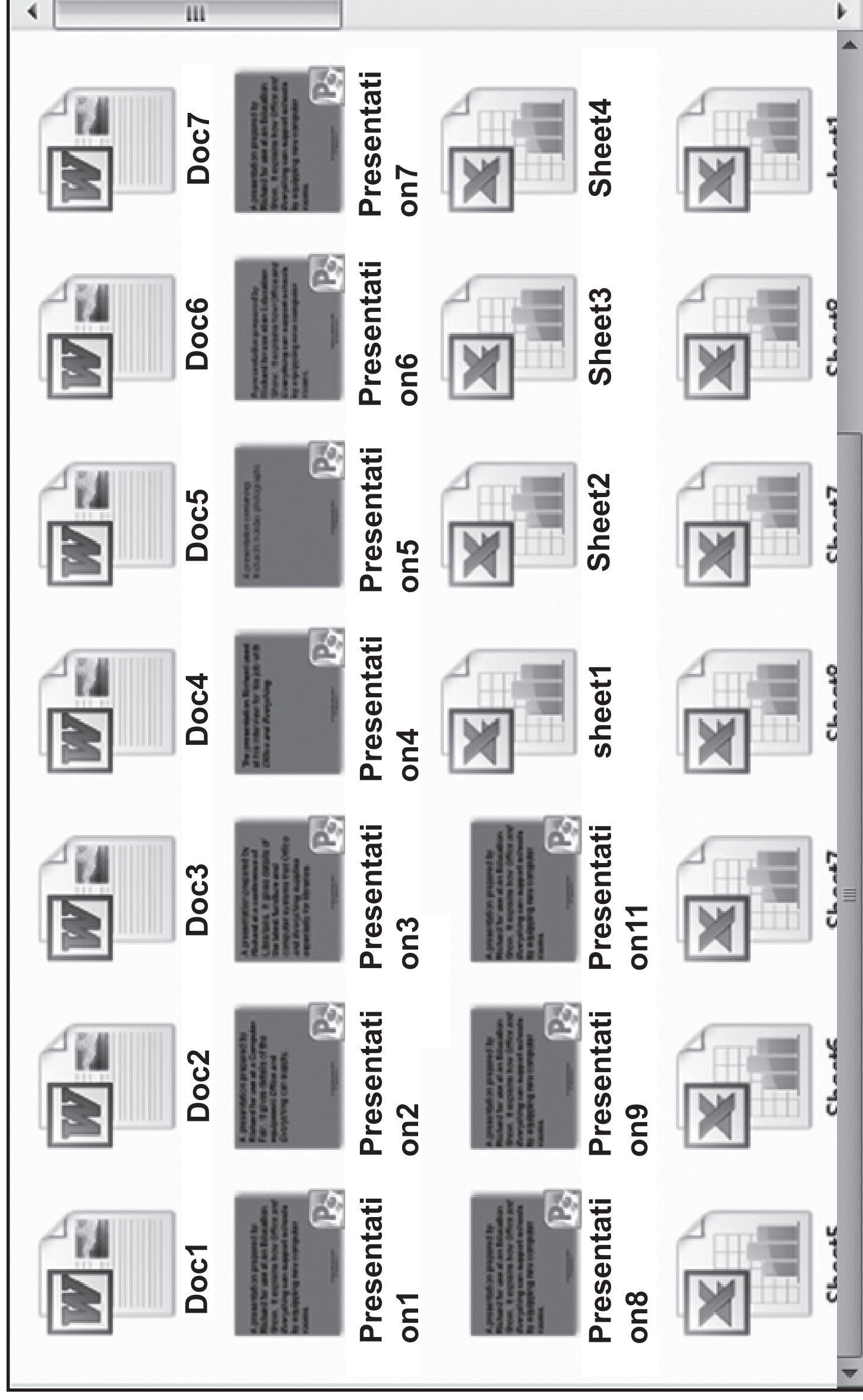
Give TWO reasons why Alice CANNOT easily find her homework.

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.

[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]

11* Explain how ICT can be used in education and training to enhance learning.

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

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. In the bottom right corner, there is a small black rectangular box containing the number "8".

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.

[illegible]

| | |
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