
INTERNATIONAL GCSE DIGITAL AND INFORMATION TECHNOLOGY

9213/1

Paper 1

Specimen paper X am UK Time Time allowed: 1 hour 30 minutes

Materials

You will need no other materials.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 60.

Section A

There are 24 marks in this section.

0	1
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Which of the following is an example of a cloud-based service?

Tick (✓) **one** box.

[1 mark]

A A document edited using an online word processor.

☐

B A document saved on a local hard drive.

☐

C A file stored in a computer's RAM.

☐

D A file stored on a USB drive.

☐

0	2
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Which of the following best describes a benefit of using folders to organise files?

Tick (✓) **one** box.

[1 mark]

A Files are automatically backed up.

☐

B Files are easier to find and organise.

☐

C Files are protected from being deleted.

☐

D Files take up less storage space.

☐

0 3

A student saves four files in a folder with the names:

March 2026 Test

January 2026 Test

February 2026 Test

October 2026 Test

0 3 . 1

Explain **one** problem with this naming system if the student tries to sort by name.

[1 mark]

0 3 . 2

Suggest **one** way to rename the files so that the files are easier to sort by name in the correct order.

[1 mark]

0 3 . 3

State **two** ways a user can reduce the risk of losing work when creating a document.

[2 marks]

0	3	.	4
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State **one** difference between RAM and storage devices such as solid-state drives (SSDs).

[1 mark]

0	3	.	5
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State **one** advantage of using a solid-state drive (SSD) instead of a hard drive to store large files.

[1 mark]

0 4

A small business stores customer data in the table shown in **Figure 1**.

Figure 1

Name	Purchases	Total spent
Ali	4	£55
Robert	5	£120
Sian	2	£40

0 4 . 1

Describe **two** ways the business could produce useful information from the data in **Figure 1**.

[2 marks]

0 4 . 2

State **two** benefits of using a spreadsheet to manage and analyse the data in **Figure 1**.

[2 marks]

0	5
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Explain **two** accessibility features that can improve the usability of digital products.

[4 marks]

0 6 . 1

Explain **two** ways digital platforms can support content creators in sharing content or earning income.

[4 marks]

0 6 . 2

State **one** limitation of using social platforms to share content to promote an artist.

[1 mark]

Turn over for the next question

0 7 . 1 Which of the following is a possible limitation of using AI to generate content?

Tick (✓) **one** box.

[1 mark]

- A** AI can only be used for creating text. ☐
- B** AI requires a large amount of storage on a user's device. ☐
- C** Content is difficult to edit once generated. ☐
- D** Content may contain inaccurate or biased information. ☐

0 7 . 2 State **two** environmental impacts of increased use of AI in society.

[2 marks]

Section B

This section has 24 marks

A student runs a school shop that sells food and drinks. They use a number of different digital documents to help them manage and promote the shop.

0 8

A spreadsheet is used to keep track of how many of each item has been sold and the price for each item.

Figure 2 shows data from the spreadsheet. **Revenue** is the total amount of money that has been received for each item sold.

Figure 2

	A	B	C	D	E	F
1	Item	Units Sold	Price	Revenue		
2	Water	45	0.50			
3	Cereal Bar	30	0.75			
4	Apple	20	0.40			
5	Juice	55	1.20			
6						

0 8

1

Write a formula to enter in cell D2 in **Figure 2** that calculates the total revenue for Water.

[2 marks]

0 8

2

Write a formula to enter in cell D6 in **Figure 2** that calculates the total revenue for all the items sold.

[2 marks]

08.3

The student wants to calculate the percentage of total revenue contributed by each item. The formula

$$=D2/D6*100$$

is entered in cell E2 in **Figure 2**.

When the student copies this formula to E3, the results are incorrect.

Explain why this error occurs and how the student could fix the formula.

[2 marks]

08.4

The student wants column F to display *Best Seller* if an item sells more than 40 units **and** display *Standard* if it sells 40 units or fewer.

Write a formula to enter in cell F2 in **Figure 2** that would complete this task.

[2 marks]

0 9

The student decides to create a website for the shop. Some of the HTML code needed to create a web page is shown in **Figure 3**.

Figure 3

```
<!DOCTYPE html>
<html>
  <head>
    <title>School Shop</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        background-color: #ffffff;
        color: #333333;
      }
      h1 {
        color: #2e7d32;
        text-align: center;
      }
      h2 {
        color: #1a5276;
      }
      h3 {
        color: #555555;
      }
    </style>
  </head>
  <body>
    <h1>Welcome to the Shop</h1>
    <p>We sell a range of healthy food and drinks.</p>
    

    <h2>Our Menu</h2>
    <p>Choose from our selection of food and drinks</p>

    <h3>Drinks</h3>
    <p>We stock a variety of cold drinks.</p>

    <h3>Food</h3>
    <p>We stock a variety of healthy food.</p>

    <a href="menu.html">View our full menu</a>
  </body>
</html>
```

0 9 . 1State the purpose of the `<title>` tag in the HTML code in **Figure 3**.**[1 mark]**

0 9 . 2State which text will be displayed in the largest font size when the HTML code in **Figure 3** is displayed on a web browser.**[1 mark]**

0 9 . 3

The student wants the paragraph text to appear in a larger font.

Write the CSS rule they would need to add to the `<style>` block to set the paragraph font size to 18 pixels.**[3 marks]**

0 9 . 4State why the `ALT` attribute makes the website more accessible for people with disabilities.**[1 mark]**

09.5 The student adds a second page to display the shop menu.

The page should display the items on the menu as an unordered list for the four items sold. The items the shop will sell are Water, Juice, Cereal Bars and Apples.

Figure 4 shows an image of the web page as it is being developed.

Figure 4

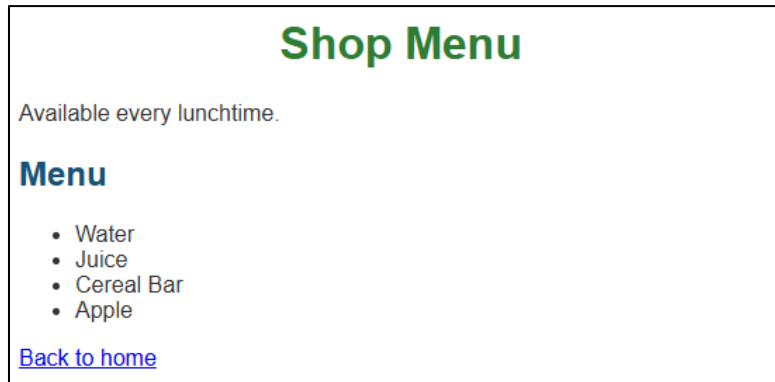


Figure 5 shows the HTML code for the page in **Figure 4**. The section of HTML that should display the unordered list is missing and has been replaced with **L1**.

Figure 5

```
<!DOCTYPE html>
<html>
  <head>
    <title>Shop Menu</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        background-color: #ffffff;
        color: #333333;
      }
      h1 {
        color: #2e7d32;
        text-align: center;
      }
      h2 {
        color: #1a5276;
      }
    </style>
  </head>
  <body>
    <h1>Shop Menu</h1>
    <p>Available every lunchtime.</p>

    <h2>Menu</h2>

    L1

    <a href="index.html">Back to home</a>
  </body>
</html>
```

Write the HTML code to insert in place of  in **Figure 5**.

[2 marks]

1 0

The shop decides to introduce a rewards card. Students can register their details to collect points when they make a purchase. The table in **Figure 6** shows part of the data the shop collects.

Figure 6

StudentID	First Name	Last Name	Year Group	Total Points	Active
1042	Aisha	Rahman	10	85	TRUE
1043	Ben	Carter	9	20	TRUE
1044	Priya	Rahman	11	0	FALSE

1 0 . 1

State the number of records that are shown in the table in **Figure 6**.

[1 mark]

1 0 . 2

Identify the most suitable field to use as a unique identifier for each student in the table in **Figure 6**.

[1 mark]

1 0 . 3

State the most appropriate data type for the **Active** column.

[1 mark]

1 0 . 4

A student registers their details for the rewards card.

The student gives their year group as Ten instead of 10

Explain why this could cause a problem and how the shop could prevent this from happening.

[2 marks]

Why this could cause a problem

How the shop could prevent this

1 0 . 5

When students register for the rewards card, they need to submit personal information.

Explain why the shop should store personal data securely.

[3 marks]

Section C

There are 12 marks in this section.

1 1

Instead of only selling in its physical store, a local charity shop has started selling items that have been given to them through an online platform.

1 1 . 1

The charity uses the platform's built-in payment system, messaging tools and seller ratings to manage sales.

Describe **one** way that the charity's use of the platform's built-in tools could affect the trust of its customers.

[2 marks]

1 1 . 2

State **one** way that organisations can use digital technologies to protect customer payment data when selling online.

[1 mark]
