

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

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Pearson Edexcel International Award in Primary

Monday 16 October 2023

Morning (Time: 1 hour)

Paper
reference

JCP11/01

Computing
Year 6
Achievement Test



You do not need any other materials.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*

Information

- The total mark for this paper is 60.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*
- You must **NOT** use a calculator.

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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Answer ALL questions. Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

SECTION A

1 Which **one** of these describes what a camcorder is used for?

- A To capture text
- B To listen to music
- C To play a game
- D To record a video

(Total for Question 1 = 1 mark)

2 Which **one** of these is an input device?

- A Buzzer
- B Keyboard
- C Light
- D Speaker

(Total for Question 2 = 1 mark)

3 Which **one** of these uses a fingerprint to allow access to a laptop?

- A Biometrics
- B Password
- C PIN
- D Username

(Total for Question 3 = 1 mark)

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4 Cyberattacks target digital systems and data.

(a) Complete the sentence by choosing **one** word from the box.

(1)

cyberbullying downloading engineering networking

Tricking people into revealing confidential or personal information is a form of social

(b) Complete the paragraph by choosing **two** words from the box.

(2)

blogging networking pharming spying surfing

Shoulder is used to get information from someone else's laptop screen.

Redirecting a user to a fake website is

(Total for Question 4 = 3 marks)

5 Which **one** of these describes the World Wide Web (WWW)?

- A** A collection of connected devices
- B** A collection of webpages accessed through the internet
- C** A global network of networks
- D** A global website

(Total for Question 5 = 1 mark)



P 7 5 6 3 0 A 0 3 2 4

6 Which **one** of these describes a method of watching a live event online?

- A Decomposing
- B Downloading
- C Saving
- D Streaming

(Total for Question 6 = 1 mark)

7 Ahmed wants to use an image that he has found on a website.

Complete the sentence by choosing **one** word from the box.

algorithm database licence PIN

It is Ahmed's responsibility to check the to see what he is allowed to do with the image.

(Total for Question 7 = 1 mark)

8 Complete the sentence by choosing **two** words from the box.

cable media radio streaming TV

A wired phone network uses whereas a mobile phone network uses waves.

(Total for Question 8 = 2 marks)

9 Which **one** of these is a discussion area on a website?

- A forum
- B hyperlink
- C webcam
- D webpage

(Total for Question 9 = 1 mark)



10 Joe uses a search engine to find information on some types of bears.

He gets different results from using the search term **-polar bears** compared with using the search term **polar bears**.

Explain why the two search terms produce different results.

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.....

(Total for Question 10 = 2 marks)

11 Give **one** reason why a user may create a bookmark for a webpage.

.....

.....

(Total for Question 11 = 1 mark)

12 Complete the sentence by choosing **one** word from the box.

device etiquette privacy safety

Digital is the way people should behave when interacting with each other online.

(Total for Question 12 = 1 mark)



13 Draw **one** straight line from each health issue to its cause.

Health issue

Cause

Repetitive strain injury (RSI) •

Eye strain •

• Looking at the screen for too long

• Sitting too long at a desk

• Not getting enough physical exercise

• Repeatedly performing the same movement

(Total for Question 13 = 2 marks)

14 Complete the sentence by choosing **one** word from the box.

blog network printer webcam

One benefit of a is that it enables office workers to access their files even when they are away from their desk.

(Total for Question 14 = 1 mark)

15 Complete the sentence by choosing **one** word from the box.

befriending hitting pushing threatening

One form of cyberbullying is someone online.

(Total for Question 15 = 1 mark)

16 Give **one** reason for producing an algorithm before writing a program.

.....
.....

(Total for Question 16 = 1 mark)



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QUESTION 17 BEGINS ON THE NEXT PAGE.



17 Look at **Figure 1**.

It shows a flowchart.

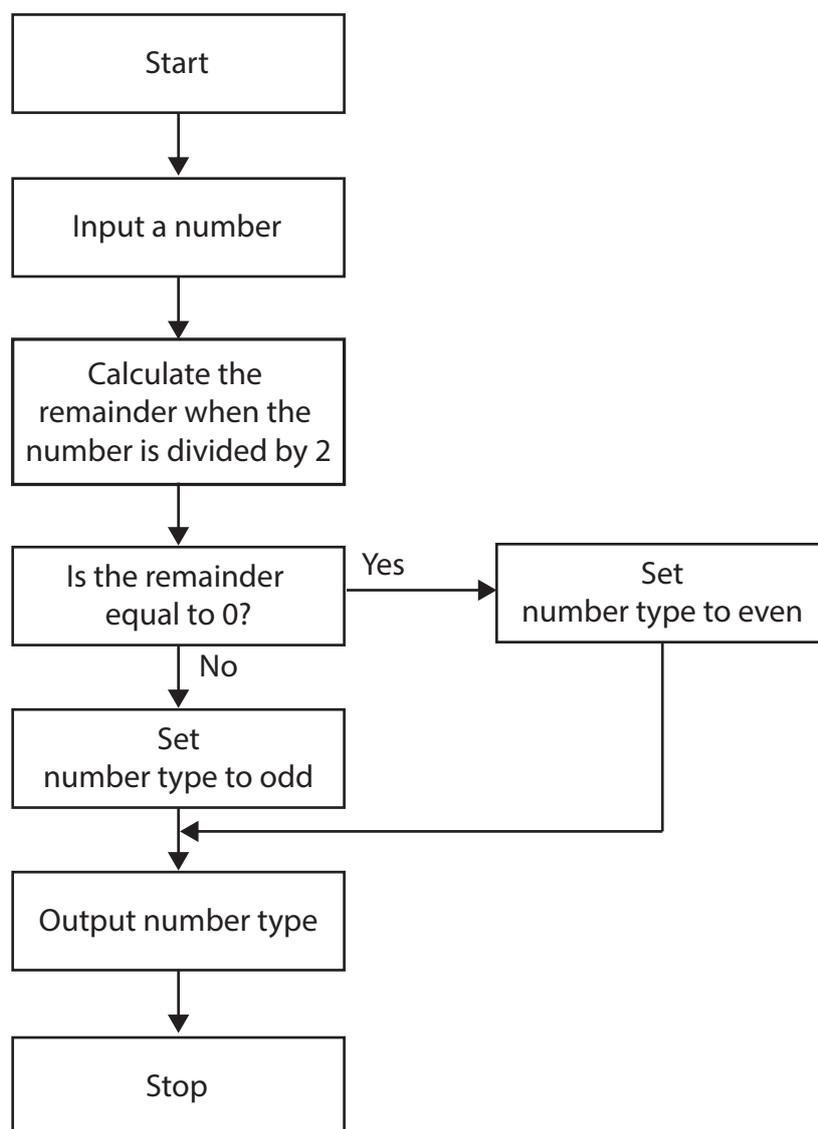


Figure 1



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(a) Describe what this flowchart does.

(3)

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(b) Identify **two** variables used in the flowchart.

(2)

1

2

(c) Input is one structural component used in the flowchart.

Identify **two other** structural components used in the flowchart.

(2)

1

2

(Total for Question 17 = 7 marks)



18 A and B show two versions of an algorithm that inputs two words, swaps them and then displays the results of the swap. B is a decomposed version of A.

Complete the steps that are missing in version B.

A	B
Get input	Get input
Swap words	Input first word
Display swapped words	Swap words temp = first word first word = last word
	Display swapped words Display last word followed by first word

(Total for Question 18 = 2 marks)

19 A program is used to calculate the number of empty seats on a coach.

(a) Give the data type for the number of empty seats.

(1)

(b) Which **one** of these calculates the number of empty seats on the coach?

(1)

- A = number of seats + number of passengers
- B = number of seats / number of passengers
- C = number of seats – number of passengers
- D = number of seats * number of passengers

(Total for Question 19 = 2 marks)



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20 Which **one** of these is the correct data type for the letter A?

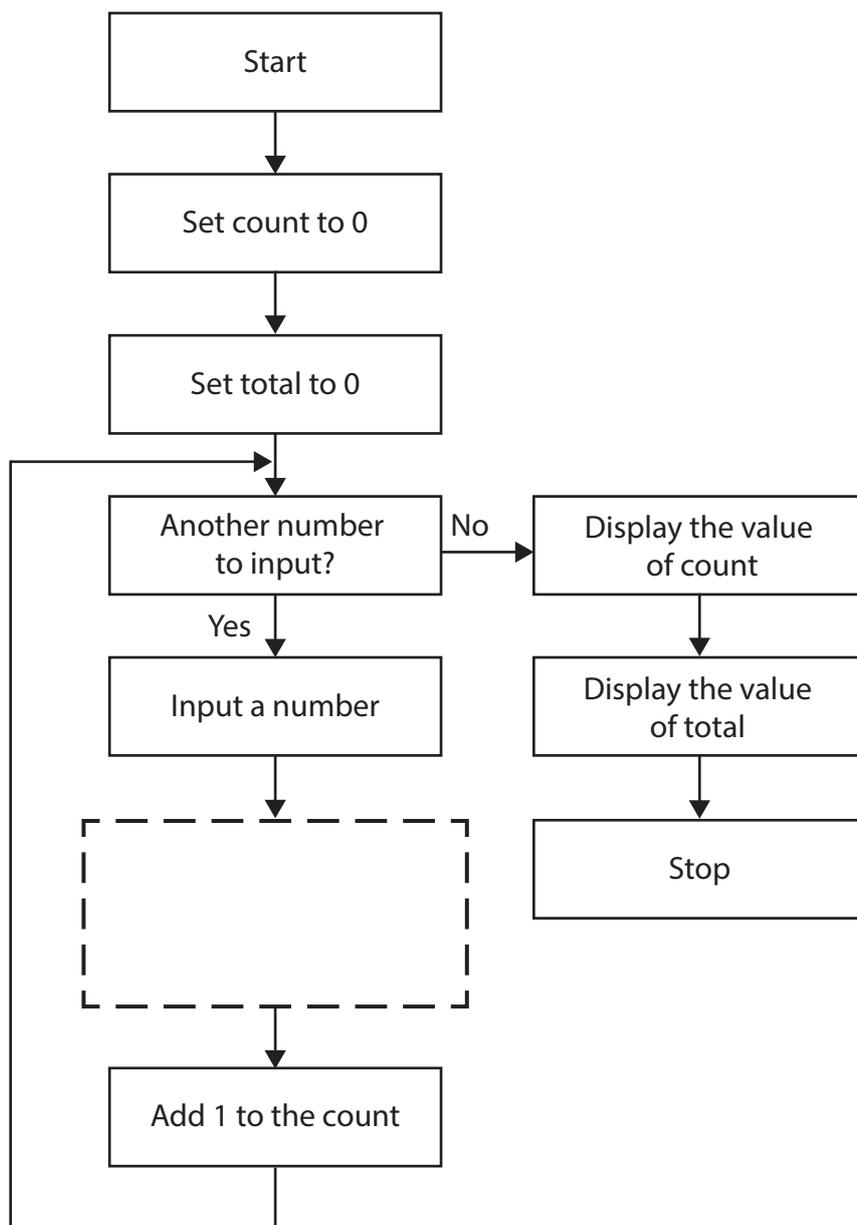
- A Boolean
- B Char
- C Real
- D Text

(Total for Question 20 = 1 mark)



21 This flowchart counts how many numbers are input and calculates the total.

Complete the flowchart.



(Total for Question 21 = 1 mark)



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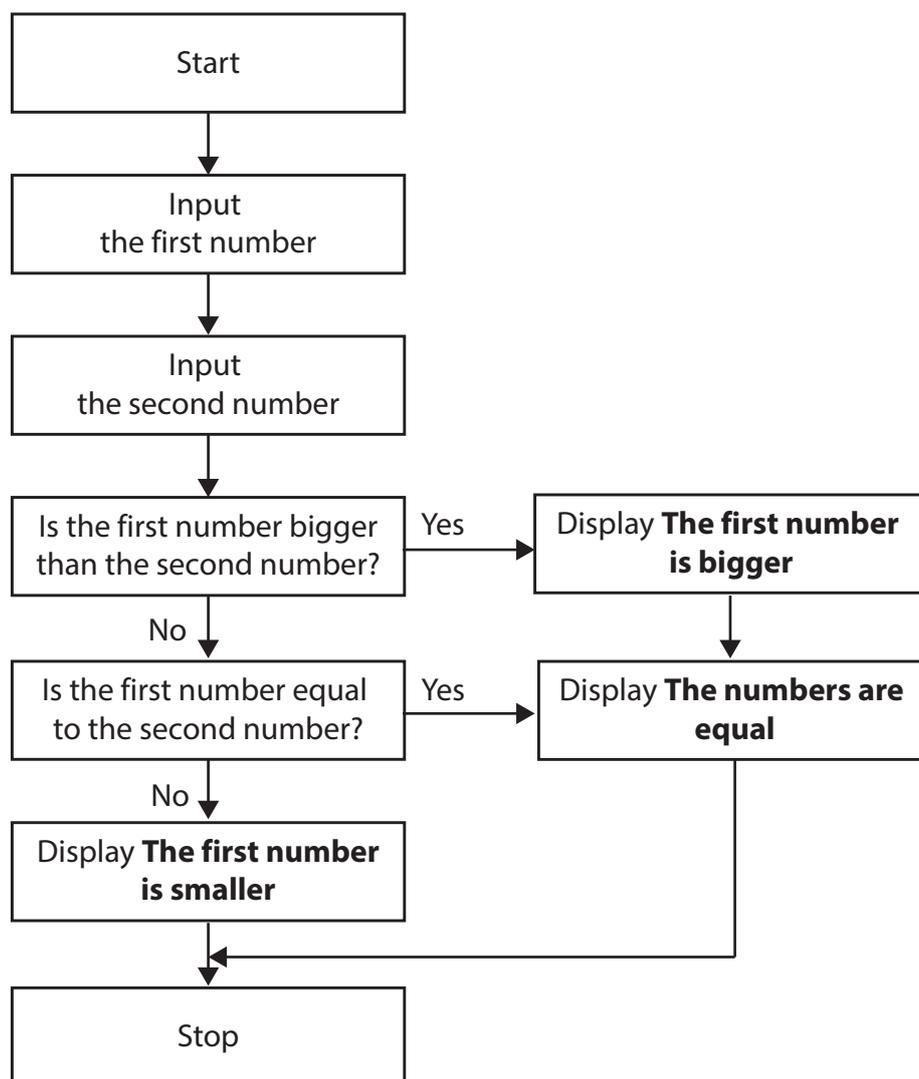
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QUESTION 22 BEGINS ON THE NEXT PAGE.



22 Look at **Figure 2**.

It shows a flowchart that inputs two numbers and displays whether the first number is bigger than, smaller than or equal to the second number.

**Figure 2**

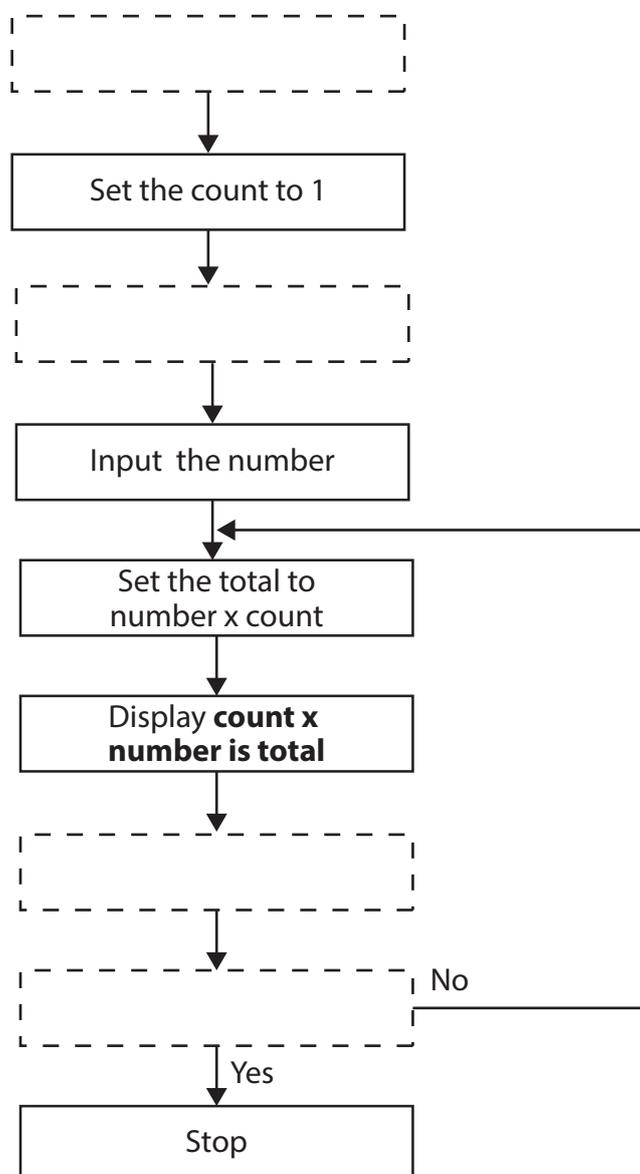
23 Here is a flowchart that calculates and displays a multiplication table for a number that is input by the user.

It stops after the number is multiplied by 6

Here are the missing steps for the flowchart. They are not in the correct order.

A	Is the count more than 6?
B	Set the total to 0
C	Add 1 to the count
D	Start

Create the flowchart by adding the **letter** of each step in the correct box.



(Total for Question 23 = 3 marks)

TOTAL SECTION A = 40 MARKS



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SECTION B

24 Circle the **two** types of software that would be the most appropriate to use to create a letter to parents that includes statistics of their child's test results.

Database management

Graphics

Presentation

Spreadsheet

Word processing

(Total for Question 24 = 2 marks)

25 Which **one** of these will help to make sure you don't lose work if the computer crashes?

- A** Choosing the correct file format
- B** Creating a sensible folder structure
- C** Saving work regularly
- D** Using a meaningful file name

(Total for Question 25 = 1 mark)



P 7 5 6 3 0 A 0 1 7 2 4

26 Here is the timetable for the school holiday club.

School holiday club	
Monday	Movie time
Tuesday	Swim time
Wednesday	Athletics time
Thursday	Day off
Friday	Free play time

A

B

C

D

- (a) Draw a line from **A** to where right alignment is used. (1)
- (b) Draw a line from **B** to where cells are merged. (1)
- (c) Draw a line from **C** to where a border is used. (1)
- (d) Draw a line from **D** to where shading is used. (1)

(Total for Question 26 = 4 marks)



27 Here is part of a database table.

Member ID	Member first name	Membership type	Membership fee	Paid?
1	Samihah	Gold	£23.99	Yes
2	Andrew	Silver	£18.00	Yes
3	Joe	Gold	£23.99	Not yet

(a) Circle **one** record on the table.

(1)

(b) Which **one** of these is the data type for **Paid?**

(1)

- A Currency
- B Date
- C Number
- D Text

(c) Which **one** of these is used to find membership fees of £23.99?

(1)

- A <23.99
- B >23.99
- C =23.99
- D <>23.99

(Total for Question 27 = 3 marks)

28 Look at **Figure 3**.

It is part of a spreadsheet showing book sales.

	A	B	C	D	E
1	Book title	Author	Cost per book	Number sold	Total
2	The Night Has Come	Sally Johnson	£10.00	3	£30.00
3	Tomorrow Is Another Day	Bodgan Dobre	£6.99	2	£13.98
4	Morning Has Broken	Michael Mac	£13.00	1	£13.00
5	Overall sales				£56.98

Figure 3

(a) Which **one** of these is used to calculate the value in cell E5?

(1)

- A** =SUM(E3:E5)
- B** =SUM(E1:E4)
- C** =SUM(E2:E5)
- D** =SUM(E2:E4)

(b) Which **one** of these arithmetic operators is used to calculate the **Total** for each book?

(1)

- A** /
- B** +
- C** *
- D** -

(Total for Question 28 = 2 marks)



29 Here is a slide.

King of the Jungle

Next slide



Click to go to lion website

Lions are majestic animals

A

B

(a) Which **one** of these is the component labelled **A**?

(1)

- A** Animation
- B** Button
- C** Image
- D** Video

(b) Draw a line from **B** to where an **internal** hyperlink has been used.

(1)

(Total for Question 29 = 2 marks)

30 Look at **Figure 4**.

It shows two versions of an image drawn using a graphics program.



Figure 4

(a) Complete the sentence by choosing **two** words from the box.

(2)

arrow circle rectangle square triangle

The house in image **A** has been drawn using

and shapes.

(b) Describe the steps you would take to amend image **A** to image **B**.

(2)

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(Total for Question 30 = 4 marks)



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31 Explain **one** way the amount of e-waste could be reduced.

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(Total for Question 31 = 2 marks)

TOTAL FOR SECTION B = 20 MARKS
TOTAL FOR PAPER = 60 MARKS



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