



Digi-Explorers

Sample

Part A (Theoretical)

Candidate name:	
Centre name:	
-	
Candidate instructions	

- Write your name and the name of your centre above.
- The total examination time is 60 minutes:
 - o 30 minutes for Part A (Theoretical)
 - 30 minutes for Part B (Practical)
- Your teacher will tell you if you are completing the Theoretical and Practical questions at this time (Parts A and B), just the Theoretical questions (Part A) or just the Practical questions (Part B).
- Complete all of the questions you are given.
- Write all of your answers to Part A in this booklet. Write these answers in pen.

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NCC Education Student ID:			

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Part A: Understanding Computing (50 marks)

Circle ONE (1) correct answer from A, B, C or D for each question

Question 1

Which of the following is an example of personal data?

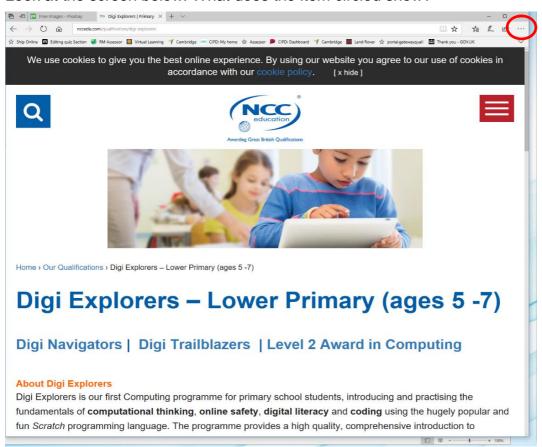
A Home address B Country

C Car D Continent

4 marks

Question 2

Look at the screen below. What does the item circled show?



A The home button

B To add the page as a bookmark

C The address bar

D Customize and control

Which of the following technologies would be most suitable to be used by a car manufacturer to paint the cars?

- A Minesweeper robot B Assembly robot
- C Welding robot D Painting robot

4 marks

Question 4

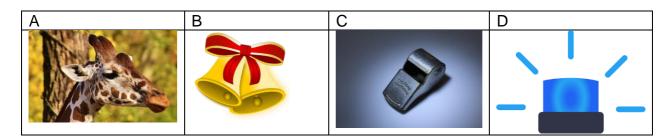
Which of the following Options is an example of WordArt?

- A Text
- в Text
- C Text
- D Text

4 marks

Question 5

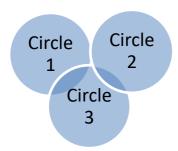
Which of the following is not an example of soundscape sound?



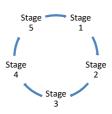
- A Animal B Bells
- C Whistle D Sirens

Which one of the following is a flow chart?

Α



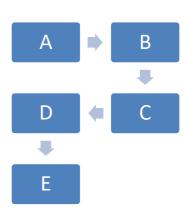
В



C



D



4 marks

4 marks

Question 7

Which tool would you use to reduce the sound towards the end of an audio file?

A Reverb

B Echo

C Cut

D Fade

Question 8

Which of the following is an example of animation effects?

A Appear

B Countdown

C Mute

D Beep

You have been asked to total the figures from the chart below. Which would be the best function to use?

Big Ben	3,245,671
Tower of London	2,579,564
London Bridge	1,389,074
Buckingham Palace	1,256,000
Victoria Station	1,136,561
Total	

A Average B IF

C Sum D Count numbers

4 marks

Question 10

Which of the following is an example of technology used at home?

A Turning on heating
B Modelling design
C Ship simulator
D Language simulator

4 marks

Question 11

The algorithm shows the first 2 steps for creating a computer character. Choose the correct Step 3.

Step 1 Turn on the computer Step 2 Open the software

Step 3 ???

A Turn off the computer
B Draw the character
C Edit the character
D Colour the character

The example below shows an algorithm. What does the full algorithm show?

- Go to high street
- Find grocery store
- Choose apple

Option A going to the high street Option B going to a grocery store

Option C going to the high street and choose an apple

Option D going to the high street store and choosing an apple

A Option AB Option BC Option CD Option D

4 marks

Question 13

Which tool would mute the sound on your computer?









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Summer 2019

Examination Paper

Part B (Practical)

Candidate name:		
Centre name:		
Centre name.		

Candidate instructions

- Write your name and the name of your centre above.
- The total examination time is 60 minutes:
 - 30 minutes for Part A (Theoretical)
 - 30 minutes for Part B (Practical)
- Your teacher will tell you if you are completing the Theoretical and Practical questions at this time (Part A and B), just the Theoretical questions (Part A) or just the Practical questions (Part B).
- Complete all of the questions you are given.
- Part B will be completed using a computer.
- Any computer-based work must be saved following your teacher's instructions.

Ask your teacher if you are not sure what to do.

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Part B: Using Computers (50 marks)

Question 14

Share your favourite lesson using presentation software. You should make **THREE (3)** slides. You should use **text**, **images** and **sound** in your presentation to introduce your favourite lesson.

30 marks

Question 15

Write a program using Scratch. Add the sprite and backdrop as shown in Sample A. When clicked, the dinosaur starts moving its head backwards and forwards as shown in Samples B, C, and D. The dinosaur will stop moving after 5 rounds of the backward and forward moving.



Sample A



Sample B



Sample C



Sample D

20 marks

End of Paper