Max. Mark: 30
Duration. : 40 Min
Subject. : CS

Name: ……
Date: ……
Section: ……

Task 1: Document Production

Create a new document. Open the file **text1.rtf**. Change the document heading to 'Winter weather forces schools to close'.

Save the file as **Evidence(Student_ID)**

Question 1:

Open the attached file

Move the last sentence in the document so that it becomes the last sentence in the first paragraph.

Add a new subheading 'School closures' just before the second paragraph and add this short paragraph before the text <Place table here>:

The dramatic change in the weather has meant that a number of areas are experiencing transport problems. This means that many schools across the country have been closed.

In what is now the third paragraph change the word 'was' to 'is', and add the word 'has' between 'counties' and 'reported'.

(3)

Question 2: Insert the following table within the document

County	Closed
South East	
Essex	250+
Hertfordshire	100+
Middlesex	80+
Sussex	50+
North	
Greater Manchester	100
Lancashire	70
Cumbria	34
Durham	70
Northumberland	33
Yorkshire	1

Make the heading Row **shaded as grey**, set font style to **Arial Black,** set text to **Bold,**

Set Font style to **Arial Rounded MT Bold** for other data in the table. **(5)**

Question 3:

Add text as:

Temperatures recorded at one weather station in Ross-on-Wye during the week read:

Below this text add a table like this:

	Maximum	Minimum
2nd Feb	3	–1
3rd Feb	5	–3
4th Feb	5	–3
5th Feb	2	–1
6th Feb	2	–1
7th Feb	5	–3
8th Feb	4	–2

(Image is given in resource files as snow.png) **(5)**

Task 2: Programming, Pseudo Code, Flow Chart

Question 4:

A leap year is a year that comes in every year. The year is recognized by having 366 days instead of 365 days. The one extra day is added in the month of February, making it 29 days long.

Write a program in Pycharm that will input a Year and checks whether the year is leap or not. It displays the message: "It is a Leap Year." Or "It is not a Leap Year."

Take a screenshot of the code and output and paste in Evidence file.

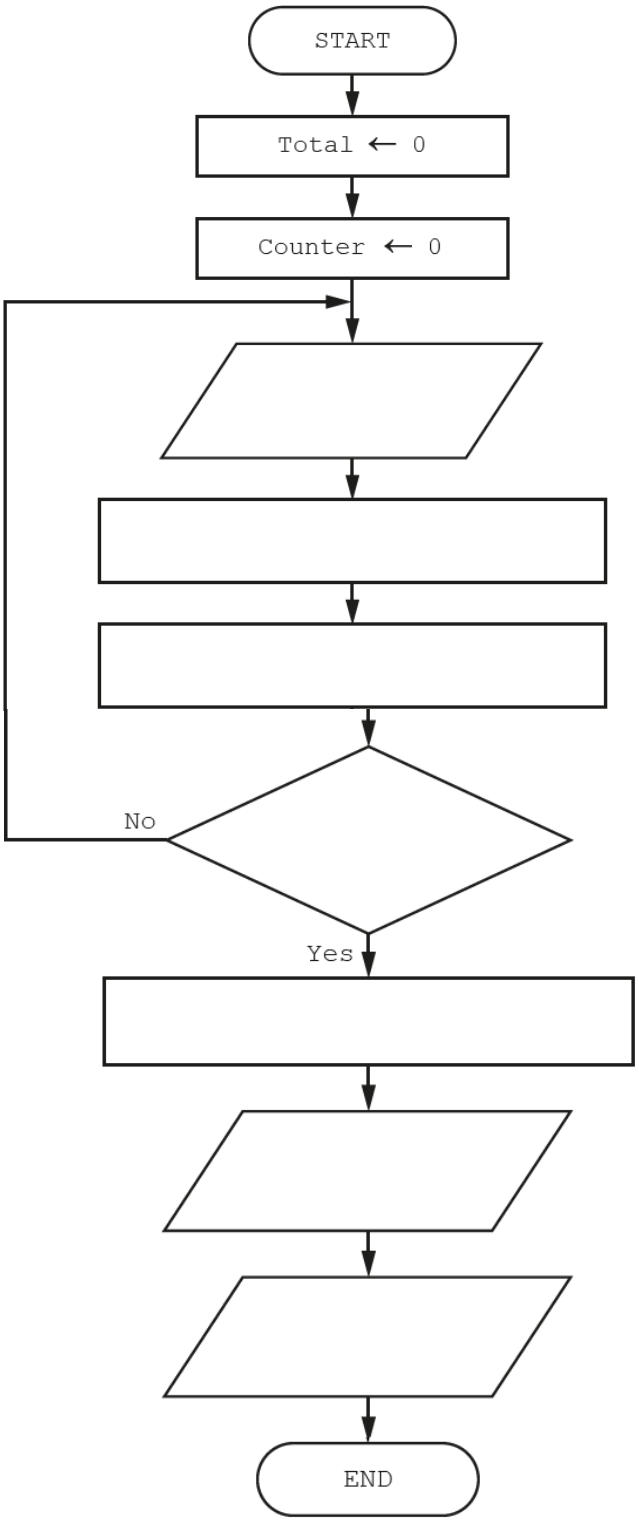
(4)

Question 6:

The flowchart shows an algorithm that should:

- allow 100 numbers to be entered into the variable `Number`
- total the numbers as they are entered
- output the total and average of the numbers after they have all been entered.

Complete this flowchart:



(6)

Question 6:

Write a program in Python using Pycharm that inputs a **number** from the user and check the number if it is **positive, negative or zero** by using if, elif statements and displays the output accordingly as:

Number entered is Positive

Number entered is Negative

Number entered is Zero

(7)