

Subject: \_\_\_\_\_

Question		Question	
1	IDE stands for ?	21	What does <code>==</code> mean?
2	Name the four data types.	22	What does <code>!=</code> mean?
3	What do you understand by the term Debugging?	23	What does <code>&gt;</code> mean?
4	Define 'Syntax'.	24	What does <code>&lt;</code> mean?
5	When does a syntax error occur?	25	Give an example of a comparison in Python.
6	Name the two modes in Python's Development Environment.	26	What is a syntax error?
7	_____ mode allows you to see the results as you type them.	27	What is a runtime error?
8	_____ mode allows you to save your program and then run it again later.	28	What is debugging?
9	Define the term 'Variable'.	29	Why is indentation important in Python?
10	What is an algorithm?	30	What is a Micro:bit?
11	How do you create a variable in Python?	31	What programming language is commonly used with Micro:bit
12	Give an example of assigning a number to a variable.	32	What does the LED display on the Micro:bit do?
13	What are the rules for naming variables?	33	How many LEDs are on the Micro:bit display?
14	What is an integer?	34	What is the purpose of the <code>microbit</code> library in Python?
15	What is a string?	35	What does <code>display.show(Image.HEART)</code> do?
16	What is a float?	36	What does <code>display.scroll("Hello")</code> do?
17	What is a booleant?	37	How can you clear the display?

18	What is an <code>if</code> statement?	38	What are the names of the two buttons on the Micro:bit?
19	Write an example of an <code>if</code> statement.	39	How do you check if button A is pressed?
20	What does <code>else</code> do?	40	Why do we use <code>while True:</code> in Micro:bit programs?

Question	
41	What is an infinite loop?
42	Define the term 'Procedure' in Python.
43	What is an Array?
44	Define the term 'Flowchart'.
45	Explain the term 'Selection'.
46	Explain the term 'Sequencing'.
47	Explain the term 'Iteration'.
48	Explain the term 'Pseudocode'.
49	Explain the term 'Programming language'.
50	Define the term 'Instruction'.
51	Give an example of boolean datatype in Python.
52	Give an example of Integer datatype in Python.
53	Give an example of String datatype in Python.
54	Give an example of Float datatype in Python.
55	What do you understand by the word 'Execute'?
56	What do you understand about the term 'High-level language'?

57	What is machine code?
58	Define the term 'Function' in Python
59	Give two needs that every function in Python must have.
60	Name all the four principles of Computational thinking.