Plenary – questions

Q1. How many programmable LEDs are on a micro:bit?

1. 5
2. 100
3. 25
4. 26

Q2. How do you define a function called bargraph()

1. define bargraph()
2. call bargraph()
3. def bar graph
4. def bargraph()

Q3. How are the pins on the micro:bit labelled?

1. 1,2,3
2. 0,1,2
3. a,b,c
4. 0,1,2,3,4

Q4. Which one of the following statements is true?

1. The microphone sensor turns sounds into an electrical signal
2. The LED display on the micro:bit starts at (1,0)
3. The highest y value on the micro:bit is 10
4. The whisp-o-meter program only uses with built-in functions

Q5. What would be the output for this:

for x in range(1):

print(x)

1. 1
2. 0

1

1. 1

2

1. 0

Q6. What does this code do - display.clear()?

1. Clears the LED screen
2. Sets the brightness of the LEDs to 1
3. Re-starts the program
4. Disconnects the micro:bit

Q7. What are the parameters used with this function, display.set\_pixel()?

1. Lower, upper, step
2. x,y,value
3. value
4. y,x,value

Q8. Where is (0,0) on the micro:bit (if bottom left is at pin 0)?

1. Top left
2. Top right
3. Centre
4. Bottom left

Q9. Which type of loops were in the fan program?

1. While, for
2. If, elif
3. while, if, elif
4. none

Q10. Which sensors are on the Monkmakes sensor board?

1. Light
2. Temperature
3. Microphone
4. Light, Temperature and Microphone