# Micro PET Test 2

What is the part of a computer called which allows you to store your documents when the computer is turned off?

A. RAM

B. ROM

C. Primary Storage

D. Secondary Storage

ANSWER: D

The microbit can store programs which are approximately 30,000 characters in length. How much storage is this?

A. 30 bits

B. 30 bytes

C. 30 kilobytes

D. 30 megabytes

ANSWER: C

Michael has flashed his microbit and can no longer find his data. What has happened?

A. It has been saved in the flash folder

B. It would have been deleted

C. It would have been transferred to the recycle bin

D. It would have transferred it from the microbit onto the computer

ANSWER: B

Which of the following file types can be used to store movies?

A. .ppt

B. .mov

C. .mp3

D. .doc

ANSWER: B

In the code below, what does the ‘r’ mean?

with open(**'hello.txt'**, 'r') as newFile:

A. The hello.txt file will temporarily be stored as r

B. The file is being loaded from the r drive on the computer

C. The file is opened in read format

D. The letter r will be added to the text file

ANSWER: C

Jo wishes to see the file directory on her microbit. Which command does she need to use?

A. os.showdir()

B. os.show()

C. os.showfiles()

D. os.listdir()

ANSWER: D

Harriet would like to access restricted hardware such as the CPU and buses. Which module should she use?

A. The restricted module

B. The machine module

C. The hardware module

D. The brain module

ANSWER: B

Different CPUs have been measured at different frequencies. Which CPU is currently carrying out the most work?

A. 2MHz

B. 100KHz

C. 500Hz

D. .1GHz

ANSWER: D

Roderick has broken the reset button on his microbit. He has heard that he can reset it using code. Which command should he use?

A. machine.reset()

B. microbit.reset()

C. kernel.reset()

D. reset()

ANSWER: A

The screen on the microbit is made up of an LED matrix. How can the LEDs be used?

A. To produce light

B. To store a charge to power other devices

C. To measure light

D. To produce and measure light

ANSWER: D

What is the code microbit.MicroBitDigitalPin an example of?

A. Selection

B. Iteration

C. Sub Program

D. Class

ANSWER: D

Two microbits with to communicate with each other using radio waves. If the sending microbit sets the radio channel to 1 what radio channel should the receiving device be set to?

A. 1

B. 0

C. 2

D. 01

ANSWER: A

Which of the following could be used when writing a selection statement?

A. for

B. if

C. print

D. from

ANSWER: B

You wish to set your microbit to receive data from one of your friends microbits via radio. Your friend is using channel 1 but you haven’t set the channel on your device. What will happen?

A. You will receive data only from the nearest microbits

B. You won’t receive any data via radio

C. It will crash your microbit

D. You will receive data from all microbits that are within range

ANSWER: D

The pins on the microbit can be used to control both the microbit and external devices. What is the name of the cable below which can be used to connect the microbit to external devices?



A. Cat 5

B. Cat 6

C. Crocodile

D. Hippopotamus

ANSWER: C

What is the name of the device which gives precise control of movement so that it can be used to steer devices?

A. Sensor

B. Motor

C. Engine

D. Servo

ANSWER: D

A programmer has written the line of code below. Why have they use a #?

needs = random.randint(1, 4) **#change after testing**

A. To tell the computer that this is the most important line of code

B. To tell the computer to ignore the whole line of code

C. To tell the computer to change the line once it has been tested

D. To tell the computer to ignore the text after the #

ANSWER: D

James wants to write a program using a series of functions. His first function is going to look at gameplay. Which command below would create a new function called gameplay?

A. function gameplay():

B. def gameplay():

C. def (gameplay):

D. gameplay()

ANSWER: B

Which line(s) in the program below contains an example of iteration?

1. while True:
2. while running == True:

needs = random.randint(1, 4) **#change after testing**

sleep(1000)

03. if needs == 1:

cuddles()

04. running = False

sleep(1000)

A. 01

B. 02

C. 01 and 02

D. 01, 02 and 03

ANSWER: C

A function has been defined in Python called scoreBoard which should pass in the parameter score. Which line of code will do this?

A. score(scoreBoard)

B. scoreBoard(score)

C. scoreBoard()

D. score()

ANSWER: B