# Intro To Micro:bit Test 2

What is an output device?

A. A piece of hardware which shows the result of data having been processed

B. A piece of hardware which transfers data into a system

C. An electronic device which is used inside another device

D. A device which allows you to save your work

ANSWER: A

Which output device is included on the micro:bit?

A. Speaker

B. LED Matrix

C. Printer

D. Scanner

ANSWER: B

Which input device is not included on the micro:bit?

A. Accelerometer

B. Compass

C. A and B Buttons

D. Keyboard

ANSWER: D

Which term is used when describing the transfer of a program from a computer to a micro:bit?

A. Download

B. Transfer

C. Install

D. Embed

ANSWER: A

When transferring data wirelessly, which technology is used by the micro:bit?

A. Wifi

B. Bluetooth

C. AirDrop

D. Ethernet

ANSWER: B

In the IPO model, what does a process use which it turns into an output?

A. Insert

B. Install

C. Input

D. Instructions

ANSWER: C

Which of the following is an example of where an embedded system is used?

A. A general purpose computer

B. Digital Camera

C. Main frame computer

D. Laptop

ANSWER: B

What is the term given to a wide range of objects which can communicate over the Internet?

A. Input of Things

B. Input of Technology

C. Internet of Things

D. Internet of Technology

ANSWER: B

What is the name given to a series of step by step instructions which solve a problem?

A. Program

B. Chart

C. Algorithm

D. Hex file

ANSWER: C

What is represented by the following flow chart symbol?

A. Input

B. Output

C. Process

D. Decision

ANSWER: C

What is the binary number 0101 in denary?

A. 101

B. 5

C. 10

D. 2

ANSWER: B

What is the denary number 10 in binary?

A. 0010

B. 0101

C. 1010

D. 101

ANSWER: C

A program asks a user to enter their firstname which is stored as a variable. What is a variable?

A. A piece of data which can change

B. A piece of data which cannot change

C. A type of memory where data is stored

D. A named location in memory where data can be stored

ANSWER: D

Which of the following could be stored as an integer?

A. Cat1

B. 4

C. 4.4

D. 4Cat

ANSWER: B

When working on projects there are four steps involved. Which should be done first?

A. Develop

B. Plan

C. Evaluate

D. Test

ANSWER: B

When a program is tested an unexpected result is generated. What is the name given to this error? program?

A. Bug

B. Virus

C. Trojan

D. Worm

ANSWER: A

What is the name given to a global network of connected devices ?

A. Internet

B. Intranet

C. World wide web

D. Embedded system

ANSWER: A

An compass is built into the micro:bit. What does it detect?

A. Movement

B. Heat

C. Touch

D. Direction

ANSWER: D

Which type of diagram can be used to plan a processes?

A. Hierarchy chart

B. Bar chart

C. Flow chart

D. Column chart

ANSWER: C

What is the highest denary number that can be represented by 4 binary bits?

A. 1111

B. 15

C. 16

D. 4

ANSWER: B