# Intro To Micro:bit Test 1

What is an input device?

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

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

C. An electronic device which is used inside another device

D. A device which allows you to save programs

ANSWER: A

Which input device is included on the micro:bit?

A. A keyboard

B. A mouse

C. Buttons

D. A scanner

ANSWER: C

What type of device is a compass?

A. Input

B. Output

C. Storage

D. None of the above

ANSWER: A

Which type of file is used to store micro:bit programs?

A. Exe

B. Pdf

C. Hex

D. Txt

ANSWER: C

What type of cable is used to connect a micro:bit to a PC?

A. Serial

B. Cat 5

C. USB

D. HDMI

ANSWER: C

Which of the following output devices are included in the micro:bit?

A. LED matrix

B. LCD screen

C. Printer

D. Actuator

ANSWER: A

In the IPO model, what is used to turn an input into an output?

A. Conversion

B. Process

C. Procedure

D. Processor

ANSWER: B

Which of the following is not an example of where an embedded system is used?

A. A general purpose computer

B. Camera

C. Wearables

D. Cars

ANSWER: C

What does IoT stand for?

A. Input of Things

B. Internet of Things

C. Input of Technology

D. Internet of Technology

ANSWER: B

What is an algorithm?

A. A computer program

B. A series of step by step instructions which solve a problem

C. A type of flow chart

D. A series of problems

ANSWER: B

What is represented by the following flow chart symbol?

A. Input

B. Output

C. Process

D. Decision

ANSWER: D

What is the binary number 1110 in denary?

A. 7

B. 14

C. 111

D. 3

ANSWER: B

What is the denary number 11 in binary?

A. 0011

B. 1100

C. 1011

D. 1101

ANSWER: C

In a computer system, what is a variable?

A. A piece of data which can change

B. A piece of data which cannot change

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

D. A type of memory

ANSWER: B

What is an integer?

A. A whole number

B. A series decimal number

C. A type of data which stores True or False

D. A list of alphanumeric characters

ANSWER: A

When working on projects there are four steps, Plan, Develop, Test. Which step is missing?

A. Use

B. Install

C. Evaluate

D. Fix

ANSWER: C

What is the name given to an error in a computer program?

A. Worm

B. Virus

C. Trojan

D. Bug

ANSWER: D

What is the Internet?

A. All of the websites that can be accessed via a browser

B. A globally connected network of devices

C. A network which can be accessed via one building or site

D. A type of page

ANSWER: B

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

A. Movement

B. Heat

C. Touch

D. Direction

ANSWER: A

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