NZCC Computer Fundamentals Assessment Form 1 (Hardware)

LO1: Identify the types and purpose of common computing hardware, software and terminology to assist with choosing the right tool for the task

To fill in the form follow this instruction:



## Please fill in this section:

Key your Name / or Student ID here: Click here to enter text.

Save your document to your  folder. (If you have not already created this folder, do it now)

**Assessment Conditions:**

* The documents produced during this assessment must be entirely your own work. You signed and returned to EIT an Attestation Form.
* When completing this assessment you must comply with occupational health and safety guidelines in relation to your own working environment and practices.
* This is an open book assignment. Use of workbooks and powerpoint presentations is allowed. No printing is required.
* Your document must be emailed in as per instructions at the end of the assignment.
* Any feedback will be phoned or emailed from [nzcc2@eit.ac.nz](mailto:nzcc2@eit.ac.nz)
* Your Assessment Decision will also be phoned or emailed from [nzcc2@eit.ac.nz](mailto:nzcc2@eit.ac.nz)

Go to the next page to begin your assignment

Use the presentations to help you fill in the assignment.

**Question 1**

*When you key your answer, the ‘box’ will automatically become bigger to allow for your text.*

What are the following devices:

|  |  |
| --- | --- |
|  | Click here to enter text. |
|  | Click here to enter text. |
| C:\Users\gayr\AppData\Local\Temp\SNAGHTMLfd11e66.PNG | Click here to enter text. |
|  | Click here to enter text. |
|  | Click here to enter text. |

**Question 2**

In the space below, identify the hardware components in terms of device type

Is it an **INPUT** device or **OUTPUT** device or **STORAGE** device or **PROCESSING** device?

|  |  |
| --- | --- |
| **Device** | **Type of device** |
| CPU | Click here to enter text. |
| **Device** | **Type of device** |
| Solid State Disk drive | Click here to enter text. |
| **Device** | **Type of device** |
| Barcode scanner | Click here to enter text. |
| **Device** | **Type of device** |
| Mouse | Click here to enter text. |
| **Device** | **Type of device** |
| Printer | Click here to enter text. |
| **Device** | **Type of device** |
| USB Flash Drives | Click here to enter text. |
| **Device** | **Type of device** |
| Mother board | Click here to enter text. |
| **Device** | **Type of device** |
| Monitor or VDU | Click here to enter text. |
| **Device** | **Type of device** |
| Webcam | Click here to enter text. |
| **Device** | **Type of device** |
| RAM chips | Click here to enter text. |

**Question 3**

*When you key your answer, the ‘box’ will automatically become bigger to allow for your text*

Choose one **INPUT device**, one **OUTPUT device**, one **STORAGE device** and one **PROCESSING device** from the list in Question 2 and describe it’s function (what does it do?)

|  |
| --- |
| **Name of Input Device chosen:** Click here to enter text. |
| Function –Click here to enter text. |

|  |
| --- |
| **Name of Output Device chosen:** Click here to enter text. |
| Function – Click here to enter text. |

|  |
| --- |
| **Name of Processing Device chosen:** Click here to enter text. |
| Function – Click here to enter text. |

|  |
| --- |
| **Name of Storage Device chosen:**Click here to enter text. |
| Function – Click here to enter text. |

**Question 4**

*When you key your answer, the ‘box’ will automatically become bigger to allow for your text*

There are two **types of Internal Memory Devices.**

Name **each of the Internal Memory Devices** and describe the **function of each of the Internal Memory Devices**:

|  |
| --- |
| Name of Device 1: Click here to enter text. |
| Function – Click here to enter text. |

|  |
| --- |
| Name of Device 2: Click here to enter text. |
| Function - Click here to enter text. |

**Question 5**

*When you key your answer, the ‘box’ will automatically become bigger to allow for your text*

What is WiFi?

|  |
| --- |
| Click here to enter text. |

What is one major advantage of WiFi?

|  |
| --- |
| Click here to enter text. |

What is a Hotspot?

|  |
| --- |
| Click here to enter text. |

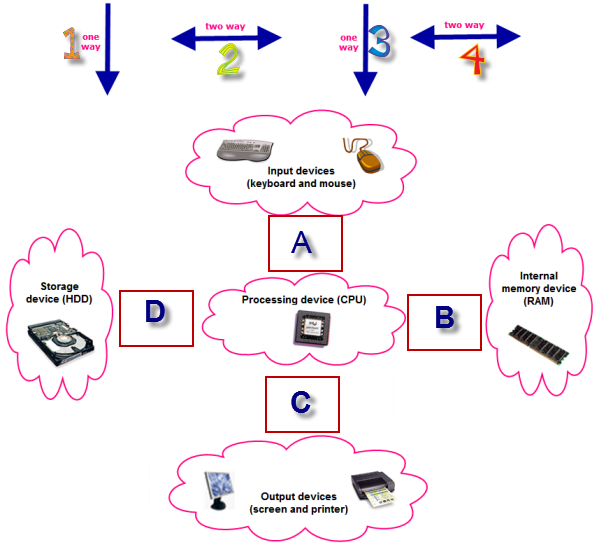
Where can you find hotspots?

|  |
| --- |
| Click here to enter text. |

**Question 6**

To show how hardware components work together to **complete the processing cycle when opening software from the hard drive**, key the **arrow number** eg **1, 2, 3 or 4** into the appropriate box eg **A , B, C or D**. The arrows should indicate how data flows **from** or **to** the **CPU**.

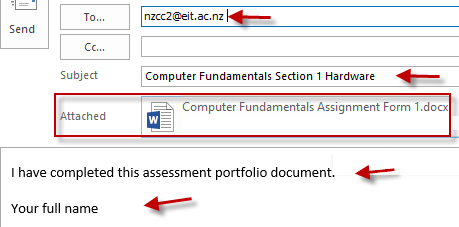
**Each arrow MUST BE used once.**



|  |  |
| --- | --- |
| Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. |

#### At completion of form 1:

* Check that you have keyed your name on the front page.
* Save and close this document.
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  Subject line: Computer Fundamentals Section 1 Hardware  
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* Any feedback will be emailed to you from [nzcc2@eit.ac.nz](mailto:nzcc2@eit.ac.nz)
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