

**Started on** Monday, 16 December 2024, 12:05 AM**State** Finished**Completed on** Monday, 16 December 2024, 12:06 AM**Time taken** 1 min 25 secs**Grade** 11.00 out of 11.00 (100%)**Question 1**

Correct

Mark 1.00 out of 1.00

What does the acronym '**RAM**' stand for?

- ☐ a. Random Access Memories
- ☒ b. Random-access Memory ✓
- ☐ c. Random-access Machine

Your answer is correct.

**Question 2**

Correct

Mark 1.00 out of 1.00

RAM is considered to be a 'volatile' form of memory.

What does '**volatile**' mean in this context?

- ☐ a. Volatile memory is a form of computer memory that does not require power to maintain the stored data. Without power all data is safely stored.
- ☐ b. Volatile memory is a form of computer memory that requires power to remain stable. Without power all data is corrupted.
- ☒ c. Volatile memory is a form of computer memory that requires power to maintain the stored data. Without power all data is lost. ✓

Your answer is correct.

**Question 3**

Correct

Mark 1.00 out of 1.00

There are various forms of memory, with vastly different read/write speeds and storage capacity.

Please **order** these forms of memory by **Read/Write speed**:

Fastest:  ✓

Faster:  ✓

Fast:  ✓

Slow:  ✓

Slower:  ✓

Slowest:  ✓

Your answer is correct.

**Question 4**

Correct

Mark 1.00 out of 1.00

LaTeX utilises a plain text format that enables users to make use of version control (e.g. Git).

☒ True ✓

☐ False

**Question 5**

Correct

Mark 1.00 out of 1.00

To start, we need to know a few commands to produce a clear and readable document. For the sake of this example let's say you are writing a paper on data structures.

Please **fill** in the gaps with the **most appropriate** answers.

To start our document we need to type  ✓ {document}.

To give the document a title we then use  ✓ {Data Structures}.

To make the document more readable we can split it up into readable chunks, with their own titles using  ✓ {Array}.

We can split the document up even further by using  ✓ {What is an array?}.

Your answer is correct.

**Question 6**

Correct

Mark 1.00 out of 1.00

In **LaTeX**, we use '\ref' to **cite** sources such as: Research Journals, Papers, Conferences, News Articles ect.

- ☐ True
- ☒ False ✓

**Question 7**

Correct

Mark 1.00 out of 1.00

Falmouth university, typically, employs two styles of referencing.

Please **select** the **two** styles from the options below.

- ☒ a. IEEE ✓
- ☒ b. Harvard ✓
- ☐ c. APA
- ☐ d. MLA

Your answer is correct.

**Question 8**

Correct

Mark 1.00 out of 1.00

When conducting a literature review, we need to collate a lot of information usually from a variety of sources. Different types of sources carry different weight within the research community, we usually differentiate between these sources by discussing their academic rigor.

Please rank the three types of sources below by their **academic rigor**. (1 is **most**, 3 is **least**)

1.  ✓
2.  ✓
3.  ✓

Your answer is correct.

**Question 9**

Correct

Mark 1.00 out of 1.00

According to the slides, X86 is considered a complex instruction set computer.

- ☒ True ✓
- ☐ False

**Question 10**

Correct

Mark 2.00 out of 2.00

Which of the following language(s) are commonly described as '**compiled**' languages (rather than interpreted or JIT compiled)?

- ☐ a. C#
- ☐ b. Java
- ☐ c. Python
- ☒ d. C++ ✓
- ☒ e. Rust ✓

Your answer is correct.

[◀ Worksheet 5 Brief](#)[1.1 Learning Objectives ▶](#)