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|  | **Performance Task No. 2: Short Answer Essay/Identification** |  |  |
| **Topic:** | Module 2: **Components of System Units and Parts and Functions of Computer** | **Week No.** |  |
| **Course Code:** | ITEC 101 | **Term:** | 1st Semester |
| **Course Title:** | Introduction to Computing | **Academic Year:** | 2021-2022 |
| **Student Name** | Marcus Henson L. Garcia | **Section** | BSCS – 1A |
| **Due date** | **November 15, 2021** | **Points** | **20** |

This learning activity will help attain the intended learning outcomes of this module and will solidify the objectives of the module.

**A. Direction:** Answer the following questions. The length of discussion is limited to 3-5 sentences is enough to briefly elucidate your thoughts.

1. Differentiate **RAM** from **ROM**. Elaborate your answer. (5 points)

Ram is a volatile memory. It stores data for only a temporary time. It is used to make multitasking easier and faster since the data stored in it contains the information for every program. The data stored in RAM is automatically lost when the device shuts down. Unlike RAM, ROM is a non-volatile memory, meaning it stores data permanently unless manually deleted. Examples of ROM are solid state drives (SSD) and hard disk drives (HDD). It is mostly used for storing important files.

2. Cite at least 3 of each sample of Internal and External components of Computer System Unit. Explain each of them. (5 points)

CPU (Internal) – The computer's brain, or central processing unit, is in charge of retrieving and executing instructions.

Motherboard (Internal) – Make it possible for the computer system's component to communicate.

Power Supply (Internal) – Provides the computer system with the electricity it requires to function.

Mouse (External) – A movable device that allows the user to control the computer system's interface.

Keyboard (External) – A device that enables a user to enter data into a computer system.

Flash drive (External) – A portable storage device similar to a rom.

3. What would be your take away for this module? Discuss the following: *What you Know, what you Want to know, and what you Learned*”. (5 points)

Since I took ICT as a strand in senior high school, I can say that I already knew the basic information about the topics discussed in the module. Nonetheless, I was intrigued by the topic because I own a PC and would seriously consider the information in the module if I ever upgraded my computer. The lesson was a great knowledge refresher, and I remembered various pieces of information, ranging from the internal and external parts of a computer to the various types of computers.

**Assessment Task Rubrics for rating per item:**

**B. Jumbled Words.** Unjumble the letters and answer the following questions. Write your answer before the number. (5 points)

Workstation 1**. (RSAOWOKTNTI)** A powerful, single-user computer. A workstation is like a personal computer, but it has a more powerful microprocessor and, in general, a higher-quality monitor.

Super Computer 2. **(PRSEU UCMEROPT)** An extremely fast computer that can perform hundreds of millions of instructions per second.

Minicomputer 3. **(MMICIOTRENPU)** A multi-user computer capable of supporting up to hundreds of users simultaneously.

Mainframe 4. **(NEAMIFAMR)** A powerful multi-user computer capable of supporting many hundreds or thousands of users simultaneously.

Personal Computer 5. **(AESLPRNO PORTECUM)** A small, single-user computer based on a microprocessor.

**Assessment Task Rubrics for rating per item:**

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| **Score** | **Content** | **Organization** | **Development** | **Use of Language** |
| **4** | Answer is appropriate to the question.  Content is factually correct. | Clear sense of order.  Begins with a thesis or topic sentence.  Supporting points are presented in a logical progression. | Develops each point with many specific details.  Answers question completely. | Uses technical or scientific terminology appropriately and correctly.  No major grammatical or spelling errors. |
| **3** | Answer is appropriate to the question.  Content may have one or two factual errors. | May lack a thesis sentence, but points are presented in a logical progression. | Each point supported with some details and evidence.  All important points included. | Accurate word choice.  No more than 2 major errors and a few minor errors. |
| **2** | Content relates peripherally to the question; contains significant factual errors. | Logic of argument is minimally perceivable.  Points presented in a seemingly random fashion, but all support argument. | Sparse details or evidence.  Question only partially answered. | Ordinary word choice; use of scientific terminology avoided.  Some serious errors (but they don’t impair communication). |
| **1** | Content unrelated to question. | Lacks clear organizational plan.  Reader is confused. | Statements are unsupported by any detail or explanation.  Repetitious, incoherent, illogical development. | Limited vocabulary; errors impair communication. |

**Adapted from the Creator:  Denise Lim, Biology, Cabrillo College**

**Reminders:**

1. AVOID PLAGIARISM, include the source/reference of the performance task output.
2. You can use another paper to write your answers. Just attach it in your Performance Task.