FEEDBACK TUTORIAL LETTER

1st SEMESTER 2019

ASSIGNMENT 1

BUSINESS INFORMATION SYSTEMS 1A

BIS511S
QUESTION 1 - Abbreviations

Abbreviations are easy marks that you can score for tests, assignments or even the exam, so please study them and take note of the spelling of these words or phrases. This is the answers to the abbreviations for question 1:

1.1 CPU - Central Processing Unit
1.2 USB - Universal Serial Bus/Universal Bus
1.3 DNS - Domain Name Servers
1.4 FTP - File Transfer Protocol
1.5 ROM - Read Only Memory
1.6 MP3 - Metroid Prime 3
1.7 GUI - Graphical User Interface
1.8 CV - Curriculum Vitae
1.9 OS - Operating System
1.10 PSP - PlayStation Portable

QUESTION 2 – True and/or False

For question two, you scored quite well, however, please don’t jump into the answering of the questions hastily. Rather read through them once or twice before answering, as they can tend to be a bit tricky. Here are the correct answers to the statements:

2.1 A mobile device is smaller than a laptop but larger than a tablet and it runs on batteries. (False)

2.2 Tower server is a server built into a horizontal cabinet that is free standing. (False)

2.3 A program is a list of instructions that tells the computer how to perform simple operations to accomplish a specific task. (True)

2.4 Consistency is defined as: given the same input the computer will produce the same results. (True)

2.5 A desktop computer is a personal computer designed to be in a stationery location. (True)
QUESTION 3 - FILL IN THE MISSING WORD/PHRASE

I was surprised that many of you scored very low in this question. Therefore, I do advise that you read it over and over again before answering. Some of the statements could have just a slight mistake that can throw you off course. Choose your answers wisely. I have entered the correct answers in bold for you to clearly see it.

3.1 **Storage Devices** store information permanently and which can be used over and over again.

3.2 A **portable media player** is a mobile device on which you can store, organise and play or view digital media.

3.3 This hardware device is used to display processed data to information, we call this an **output device**.

3.4 **System unit** a metallic case that houses all the different electronic components used to process data.

3.5 A **handheld computer** can communicate wirelessly with other devices or computers. Some have miniature or specialised keyboards while some have touch screen or a stylus for input.

QUESTION 4 – Long questions

You did well in this question, however, please note that when you mention diagram that you clearly indicate the flow of information **with arrows** as instructed for this question. Then the second recommendation is that you need to explain your answer in full sentences to be able to receive the mark awarded for the question. I can’t give you a full mark if you only list the process.

4.1 Briefly discuss the process of the Information Processing Cycle. Please also make use of a diagram to support your explanation of the process.

![Diagram of Input, Processing, Output, Storage]

- **Input**: In the first operation, the computer accepts data that has been represented in a way the computer can use. The term data here, refers to unorganised raw materials, which can be made up of words, numbers, images or sounds (or a combination of these).

- **Processing**: In processing, the computer performs arithmetic or logical operations on the represented data.
• **Output:** Here the computer can show the results of the processing operation in a way that people can understand. The processed data becomes information.

• **Storage:** Is when the computer saves the results so that they can be used again later.

4.2 Computers have changed the way we do things and have are essential in most areas like medicine, accounting, etc. Discuss three (3) advantages and four (4) disadvantages of computers in society today?

For this question you need to be very specific to be awarded marks, because there are a million advantages and disadvantages of computers. You need to lean more on the knowledge and skills you acquired from the study guide, as it focus on the main areas we want to equip you with. Make sure to also check the number of marks allocated for each question, so that you don't write less than that which is required.

1. **Advantages:**

   • **Speed & work efficiency:** When data, instructions and information flow along electronic circuits in a computer, they travel at incredible speeds.

   • **Reliability (storage capacity):** The electronic components in modern computers are dependable and reliable because they rarely break or fail.

   • **Consistency:** Given the same input and processes, a computer will produce the same results.

2. **Disadvantages:**

   • **Violation of privacy:** Nearly every life event is stored in a computer somewhere, for example in medical records, credit reports, and tax records.

   • **Public safety:** Users around the world are using computers to publicly share their photos, videos, journals and other personal information.

   • **Impact on labour force:** While computers have improved productivity in many ways and created an entire industry with hundreds of thousands of new jobs computers have also replaced the skills of millions of employees.

   • **Health Risks:** Prolonged or improper computer use can lead to injuries or disorders of the hands, wrists, elbows, eyes, neck and back.
4.3 Explain what the difference between computer fluency and computer literacy is. (4)

This is an easy question, however, some of you made the mistake of either switching the definition of the two terms or wrote too little information to score full marks. Please refer to the last sentence I wrote in 4.2 regarding allocation of marks.

- **Computer literacy** means that you have the knowledge and understanding of computers and their uses.

- **Computer fluency** describes the knowledge of people – people who are able to navigate the digital world successfully.

4.4 Name two types of servers. (2)

I got some interesting answers here, but please try to also stick to the content of the study guide and also to use the types given below and not examples of them.

- Tower Server
- Rack Server
- Blade Server
- Virtual Server
- Dedicated Server

Note: two only

Overall I think you did quite well and would like to congratulate those who worked hard and put in the effort. If you have any questions or queries about the assignment, please don't hesitate to contact or email me.

Regards
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