FEEDBACK TUTORIAL LETTER

1st SEMESTER 2019

ASSIGNMENT 2

BUSINESS INFORMATION SYSTEMS 1A

BIS511S
Dear Student

Please use this Feedback Tutorial letter in conjunction with the MEMORANDUM that I have attached and work through it thoroughly. This is the last feedback tutorial letter for the semester.

**LECTURER COMMENTS: ASSIGNMENT 2**

**QUESTION 1 - MULTIPLE CHOICE**

Many of you did really well in this question. But just to help you even more you can always work through old question papers to see how exactly and what questions are asked for multiple choice questions.

**QUESTION 2 - ABBREVIATIONS**

You scored quite well in this question, as it was very straightforward too. But please take note of this tip: make a list of all the abbreviations in the book and then you can easily study them all at once.

**QUESTION 3 - FILL IN THE MISSING WORD**

For this question you really had to know the different meanings of these answers, because it could be tricky if there was a slight change in the sentence. Study all your definitions very well.

**QUESTION 4 - LONG QUESTIONS**

Don't always rush into answering the questions, but read them carefully, perhaps even twice before you start writing. Also make sure to check whether I ask for computer users or computer usage as in 4.4 so that you don't lose marks unnecessarily.

Overall I am happy with the outcome and the results for this entire assignment. I know you have the ability and skills to pass this course successfully, and therefore urge you to prepare in advance and start study groups to discuss or work through the work we have done for the
semester. It is essential that you double check the dates which you are writing and the time as well to ensure that you do not miss your exam.

If you have any questions regarding the marking of your assignments, please do not hesitate to contact me.

Regards

Ms Deoni Olivier
MARKER-TUTOR
QUESTION 1 - MULTIPLE CHOICE

1.1 Name two examples of mobile users mentioned in your study guide:
(a) Sales representatives and Package delivery people
(b) Real Estate agents and Lecturers
(c) Undergraduates and cleaners
(d) All of the above

1.2 Is a box-like case that contains electronic components of the computer that is used to process data is called a
(a) Computer case
(b) System unit
(c) System case
(d) Motherboard

1.3 Data being held and waiting to be executed is kept in
(a) storage
(b) storage media
(c) memory
(d) none of the above

1.4 Choose any activities below that fit the home entertainment use of computers.
(a) Learning and research
(b) Multimedia - music, radio, videos, etc
(c) Games
(d) all of the above

1.5 What do we use computers for in the Medical field?
(a) Patient history, Patients monitoring and Hospital Management System
(b) Patients monitoring, Hospital Management System and screening them
(c) Monitoring patients, Automating day to day procedures and recording data
(d) Managing the hospital, recording data from patients and monitoring the patients

QUESTION 2 - ABBREVIATIONS

Please write down the following abbreviations with the correct answer of what it stands for.

2.1 CAL - Computer Aided Learning
2.2 CBIS - Computer
2.3 ECG - Electrocardiogram
2.4 SOHO - Small Office Home Office
2.5 CAD - Computerized Aided Design
2.6 CT Scan - Computerized/computed Tomography Scan
2.7 IC - Integrated Circuits
2.8 PSU - Power Supply Unit
2.9 ROM - Read Only Memory
2.10 DC - Direct Current

QUESTION 3 - FILL IN THE MISSING WORD/PHRASE

3.1 ...Hardware...... is the most obvious part of a computer-based information system.
3.2 ..........Computer.......... can be used to manage a Home budget.
3.3 A typical desktop computer consists of a computer system unit, a ....keyboard...., a mouse and a monitor.
3.4 ......Industry Standard Architecture.. is another type of expansion slot, that will only be found on much older computers.
3.5 ...RAM chips...... are also used in computers and other devices to store information and run programs on the computer.

QUESTION 4 - LONG QUESTIONS

4.1 Name and describe the four (4) elements required to generate information from a computer.
Hardware: All the physical parts of a computer like the monitor, keyboard, etc.
Software: Set of instructions that enable the computer to perform specific tasks.
Data: One of the components of a computer system, it is converted to information in a computer system.
People: Those who design and operate the software.
OR
Procedures: The rules, descriptions and instructions for who things are done.
Communication: It allows one computer to communicate with another device.

4.2 List the five electronic components of the system unit. (5)
Processor, Memory, Adaptor Cards, Drive Bays and Power Supply

4.3 Explain the function of the Arithmetic Logic Unit (ALU) and give an example of how it is used. (2)

The Arithmetic Logic Unit (ALU) performs arithmetic, comparison and other operations. E.g. basic calculations such as addition, subtraction, multiplication and division.

4.4 What are the five (5) categories of computer usage? (5)
Home user, SOHO, Mobile user, Power User and a Large business User.

4.5 Briefly outline the machine cycle process. (8)

The Machine Cycle:
Fetching: is the process of obtaining a program instruction or data item from memory.
Decoding: is the process of translating the instruction into signals that the computer can execute.
Executing: is the process of carrying out the commands.
Storing: means writing the result to memory.

4.6 Name two areas where the military use computers in their day to day activities. (2)
Missile Control, Military Communication, Military Operation and Planning, Smart Weapons. ANY TWO

TOTAL: 50 MARKS