Assignment 1

Deadline: Thursday 30/09/2021 @ 23:59

**[Total Mark for this Assignment is 5]**

***Introduction to IT and IS***

***IT101***

**Instructions:**

* You must submit two separate copies **(one Word file and one PDF file)** using the Assignment Template on Blackboard via the allocated folder. These files **must not be in compressed format**.
* It is your responsibility to check and make sure that you have uploaded both the correct files.
* Zero mark will be given if you try to bypass the SafeAssign (e.g. misspell words, remove spaces between words, hide characters, use different character sets or languages other than English or any kind of manipulation).
* Email submission will not be accepted.
* You are advised to make your work clear and well-presented. This includes filling your information on the cover page.
* You must use this template, failing which will result in zero mark.
* You MUST show all your work, and text must not be converted into an image, unless specified otherwise by the question.
* Late submission will result in ZERO mark.
* The work should be your own, copying from students or other resources will result in ZERO mark.
* Use **Times New Roman** font for all your answers.

Student Details:

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| **Name:** **CRN:**  |  | **ID:**  |
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# Question One

***1 Mark***

*Learning Outcome(s): CLO1*

Explain the significance of information technology and its applications in professional life.

Compare between the Direct and Sequential access in terms of mechanism, speed, complexity, cost, and efficiency.

**Answer:**

# Question Two

***1.5 Marks***

*Learning Outcome(s): CLO2*

*Illustrate how business requirements drive the information and knowledge needs of an organization for competitive advantage.*

There are several basic competitive strategies that organizations need to consider; explain how they use information technology in order to handle competing forces.

Answer:

# Question Three

***1.5 Marks***

*Learning Outcome(s): CLO2*

Illustrate how business requirements drive the information and knowledge needs of an organization for competitive advantage.

Illustrate how information technology help organizations to cut costs by reducing switching costs and increasing competitiveness, so they can lock in their buyers and suppliers. Support your answers with business examples.

Answer:

# Question Four

***1 Mark***

Suppose you are the IT manager for a firm. Find out how you could choose the right type of computer system and peripherals for a business, should you buy a supercomputer for the firm?

Answer:

*Learning Outcome(s): CLO3*

Classify the business areas to which computers may be applied.