Assignment 1

Deadline: Day 14/10/2018 @ 23:59

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

***Professional Issues in IT***

***IT407***

**Instructions:**

* This assignment must be submitted on Blackboard (**WORD format only**) .
* Email submission will not be accepted.
* You are advised to make your work clear and well-presented; marks may be reduced for poor presentation. This includes filling your information on the cover page.
* 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 marks being awarded.
* The work should be your own, copying from students or other resources will result in ZERO marks.
* Use **Times New Roman** font for all your answers.

Student Details:

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

*Learning Outcome(s):*

*Recognize the responsibilities and duties of a computer professional.*

 *Illustrate social and ethical issues in computing as a computer professional.*

***2 Marks***

***Evaluate the following scenario using the 1st AND 2nd Formulations of the Categorical Imperative of Kantianism.***

Ahmad is a hard working employee at a successful marketing firm. He takes care of his wife and 3 kids. Recently, his elderly parents asked for his help financially and they need him to transfer money to them on a monthly basis. Ahmad found another part-time job that requires him to sometimes work at the same time as his original job at the marketing firm. Ahmad decided that he will purchase a medical absence leave from an unethical doctor every time he needs to be absent from his original job.

Answer:

**1st Formulation:**

- Proposed Rule: You may purchase a sick leave if you need to be absent from work to do other important work.

- Universalized Rule: Everyone may purchase a sick leave if they need to.

- This leads to the fact that if everyone purchased sick leaves, then sick leaves will no longer be believable, which contradicts the purpose of sick leaves.

- The proposed rule is self defeating.

- Therefore, it is wrong for Ahmad to purchase a sick leave.

**2nd Formulation:**

- Ahmad purchased a sick leave to give to his employer.

- He attempted to deceive his employer which means he treated the employer as a means to get to his end.

- Therefore, what Ahmad did was wrong.

# Question Two

*Learning Outcome(s):*

*Recognize the responsibilities and duties of a computer professional.*

 *Illustrate social and ethical issues in computing as a computer professional*

***1 Mark***

Evaluate which of the two actions below is considered to be the best action according to Act Utilitarianism using the calculus of utility. **You must:**

**1) Show how you worked out your answer.**

**2) Indicate which action is best.**

A parent has 2 children and could perform 2 courses of action:

Action 1:

The parent gives both children 50 dollars.

Action 2:

The parent gives only the oldest child 110 dollars and nothing to the second child.

Answer:

- In the first action the total amount of happiness (benefits) =

50 \* 2 (or 50 + 50) = 100

- In the second action the total amount of happiness (benefits) =

110 \* 1 (or 110 + 0 ) = 110

- According to the calculus utility (Utilitarianism) the second action is the best as it produces more units of happiness.

# Question Three

*Learning Outcome(s):*

*Illustrate social and ethical issues in computing as a computer professional.*

***1 Mark***

How does the idea of “Internet addiction” stretch the traditional concept of addiction?

Answer:

This Question is discussion Question. The answer is dependent on instructor.

# Question Four

*Learning Outcome(s):*

Recognize the importance of Intellectual Property, Patents and Referencing Systems.

***1 Mark***

What is a copyright? List the five principal rights of the copyright owner.

Answer:

A **copyright** is how the government provides authors with certain rights to original works that they have written. The owner of a copyright has five principal rights:

1. The right to reproduce the copyrighted work
2. The right to distribute copies of the work to the public
3. The right to display copies of the work in public
4. The right to perform the work in public

The right to produce new works derived from the copyrighted work