**CSAI1002: Assignment-1**

Learner's Name:………………… Learner's ID…………………. Date handed-in….:………………

**Plagiarism Statement**

I declare that, apart from properly referenced quotations, this report is my own work and contains no plagiarism; it has not been submitted previously for any other assessed unit on this or other courses.

Learner's Signature:………………………………… Date:……………………………………………

**Q1. Conventional Vs Intelligent Computing**

Description:

* *Solutions for a given problems can be of any types. However, a smart solution is always considered as an effective and efficient solution. Before coming to a conclusion on solution, it is essential to determine the efficiency of it. Through this assignment, student is expected to understand both conventional and intelligent solving methods. Thereby, provide a means on how one can showcase that a given solution is intelligent or not and how do we do that?* ***(3)***
* *Develop a python code for the following example: A binary interactive system is provided with a series of information:*

1. *I am a human being*
2. *I am good*
3. *Good graders study well*
4. *Humans love graders*
5. *Every human does not study well*

*With the help of this information, where machine can only provide yes/no answer, solve the following query. Is every human good grader?****(4)***

* *Why is it essential, to represent knowledge and what challenges does system face?* ***(3)***

**Learning Outcomes: (CO1 & CO4)**

* Understand computational aspect of intelligence in a machine.
* Differentiate conventional to intelligent computing for futuristic use in terms of applications

**Evaluation:**

* Validate your finds using supportive reference
* Strengthen the differentiation using strong conceptual and feasible valid examples
* Justify your conclusions

Due date: **Submission Due Date: 20th Jan 2020 (200 Words)**

**Plagiarism and Collusion**: As per university regulations

**Extension and Late Submission**

If an extension is necessary for a valid reason, requests can be made before 3 days prior to submission. Please note that the faculty **do not extend** the assignment deadlines and therefore do not ask to award a coursework extension. Late submission will not be accepted under any circumstances without prior permission.