



Daffodil International University

Department of Computer Science and Engineering

Faculty of Science & Information Technology

Mid Term Examination, Summer 2021 @ DIU Blended Learning Center

Course Code: CSE498, Course Title: Social and Professional Issues in Computing

Level: 4 Term: 3 Section: All

Instructor: NS Modality: Open Book Exam

Date: Monday 5 July, 2021 Time: 01:30-04:00pm

2.5 hours to support online open/case study-based assessment

Marks: 25

Directions:

- Students need to go through the CASE STUDY shown in this exam paper.
- Analyze and answer specific section based on your own thinking and work.

1.		Explain utilitarianism, consequentialism, deontology and virtue of ethics with best two scenarios for each. [Do not prolong your answer with unnecessary writings]	8
2.	a	Suppose you are employed at a government organization which handles the sensitive information of the residents of a city like fingerprints, voter identification information and tax information in multiple databases. What threat of secondary use might the people of that city are more comprehensive to face. Explain with proper scenario.	4
	b	Suppose you are opening a business organization. In this modern era of civilization, you are applying the best possible technologies to make the maximum profit. To sustain in the competitive market there is no other way accept analyzing and categorizing the customer demands very efficiently. I. What will be the specific solution to this given problem? II. How can you ensure that you are not utilizing the customers' information without their authorization?	3 + 3
3.		A well-known monthly magazine's editor has removed two articles from the latest edition due to content he considered inappropriate. The local government finances the magazine called, "Spectrum," Two articles were removed from an issue because the editor found their content objectionable. One story was about teen pregnancy, and the other was about child pornography. Few Some human rights activists sued the authority of the magazine, claiming their first Amendment (freedom of speech) rights had been violated. Now answer the followings a) Define freedom of speech along with offensive speech with an real life example for each? b) Should the judge have granted the order? Explain with proper reasons.	5
4.		We are using technology in every step of our life currently. While using technology, we often face both positive and negative sides. Explain two best scenarios where the errors in any technology might cause massive damage to mankind.	2