Daffodil International University

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Midterm Examination, Semester: Fall 2019
Course Code: CSE 498 (DAY), Course Title: Social and Professional Issues in Computing
Section: All, Course Teachers: All

Time: 1.5 hours   Marks: 25

Answer all the following questions.

You must answer parts of a question sequentially. The figure in square brace at the right side of a question indicates the marks allocated to the questions.

1. Someone posted a video on a popular video site showing a group of men with clubs enter a building and beat unarmed people. The site's policy prohibits posting videos with graphic violence. When a viewer complained, the site removed the video. Other viewers appealed the removal, saying the video documented abuse of prisoners in a Russian prison camp. Suppose you are a manager at the site.

    a) Develop a plan for dealing with such videos   [2.5]

    b) Will you repost the video? Explain the issues you considered.   [2.5]

2. Mr. Karim is an IT Professional but he is a dishonest person. Mr. Tuhin (Karim's colleague) shared some confidential speech with him but he told it to everybody of the organization. Finally, Mr. Karim exposes secretive information or activity that is deemed illegal, unethical, or not correct within a private or public organization. Mr. Tuhin said him, " You are totally out of computer ethics". Now answer the followings

    a) Define computer ethics. Explain briefly the statement "You are totally out of   [2.5]
       computer ethics".

    b) Briefly compare the three main ethical approaches.   [2.5]

3. Four high school students found instructions for making a bomb on a website. They built the bomb and set it off in the hallway of their school. One of the students, an 18-year-old said that they had no idea how powerful the bomb would be and they had no intention of hurting anyone. He commented, "These are really dangerous sites. . . . I'm not a troublemaker or anything. I'm just a regular kid". Now-

    a) According to the scenario, evaluate his comments.   [2.5]
    b) Mention some ways so that safe internet can be ensured for children?   [2.5]

4. Some cities and counties post maps on their websites showing property lines, property ownership information, property values, locations of roads, and aerial photos of all properties. Some resident suppose putting such information on the Web.

        a) Do the benefits outweigh the risks or not? Explain with proper reason.   [2.5]

        b) Write down the causes of embezzlement. How can you protect them?   [2.5]

5. A health-information website has many articles on health and medical issues, a chat room where people can discuss health issues with other users, and provisions for people to send questions by email for doctors to answer. You work as an intern for a company hired to do a privacy audit. The audit team will examine the site, find privacy risks (or good privacy protection practices), and make recommendations for changes as needed.

        a) Describe at least three things you would look for explain their significance, and tell what your recommendations would be if you do or do not find them.   [2.5]

        b) Define opt-in and opt-out policy.   [2.5]