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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
THIRD YEAR, SECOND SEMESTER EXAMINATION
FOR THE BACHELOR OF SCIENCE IN COMPUTER SCIENCE
KCS 306 – COMPUTING PROFESSIONAL ETHICS

Date: 15TH DECEMBER 2022
Time: 8:30AM – 10:30AM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Define the following terms as used in professional ethics (@2marks)
- i) Ethics
 - ii) Virtue
 - iii) Laws
- b) What is corporate social responsibility? Discuss why fostering CSR and good business ethics is important. (10Marks)
- c) List practices that have increased risk of information technology being used unethically(4 Marks)
- d) Illustrate ethical consideration highlighting all five steps followed in decision making process. (10 Marks)

QUESTION TWO (20 MARKS)

- a) As a college graduate, how can u benefit in embracing professional code of ethics at work? (8 Marks)
- b) Discuss five common types of computer attacks. (10 Marks)
- c) Define telework (2 Marks)

QUESTION ONE THREE (20 MARKS)

- a) Explain on how an organization can support the ethical practices of its IT users. (10 Marks)
- b) Explain how you can prevent yourself from computer attacks. (6 Marks)
- c) Describe the 4 actions taken by Microsoft to implement trustworthy computing. (4 Marks)
- i) Security
 - ii) privacy
 - iii) reliability
 - iv) business integrity.

QUESTION ONE FOUR (20 MARKS)

- a) Discuss the key issues related to freedom of expression (8 Marks)
- b) How is a student's freedom of speech restricted on social media sites such as Facebook? (5 Marks)

QUESTION ONE FIVE (20 MARKS)

- a) Outline a multistep approach that a university might take to successfully combat plagiarism among its students. (6 Marks)
- b) Discuss on how intellectual property is protected through copyright, patent, and trade secret laws. (10 Marks)
- c) Which tool do you believe can be most effective in bridging the digital divide- the computer or smartphone? Why? (4 Marks)