KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
SECOND YEAR, SECOND SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF SCIENCE
(BUSINESS ADMINISTRATION)

Date: 14th April, 2022
Time: 8.30am –10.30am

KCS 001 - COMPUTING PROFESSIONAL ETHICS

INSTRUCTIONS TO CANDIDATES

ANSWER **QUESTION ONE (COMPULSORY)** AND **ANY OTHER TWO** QUESTIONS

QUESTION ONE (30 MARKS)

a)   **CASE STUDY**

CHILD PORNOGRAPHY
Joe Spencer, a system administrator for a large corporation, is installing a new software package on the PC used by employee Chuck Desmond. The company has not authorized Joe to read other people's emails, Web logs, or personal files. However, in the course of installing the software, he accidentally comes across directories containing files with suspicious-looking names. He opens a few of the files and discovers they contain child pornography. Joe believes possessing such images is against the law.

i)   What should Joe do? (Perform your analysis using the Software Code of Ethics and Practice)   (10 marks)

ii)   Was Joe's behavior unethical? Why?
                                                                                                           (4 marks)

iii)   Define the term code of Conduct as used in an organization.
                                                                                                           (2 marks)

b)   Describe the term Privacy as used in ICT stating its benefits to the users.
                                                                                                           (6 marks)

c)   Discuss any four main characteristics of personal data.
                                                                                                           (8 marks)

QUESTION TWO (20 MARKS)

a)   Discuss any five main characteristics of IT as a profession.
                                                                                                           (10 marks)

b)   Differentiate between computer crime from computer abuse. Give examples.
                                                                                                           (4 marks)

c)   Define computer hackers and explain various ways in which they gain access to a system to gain login credentials.   (6 marks)

QUESTION THREE (20 MARKS)

a)   The emergence of ICT has led to both positive and negative impact to the society. Discuss any five negative impacts.   (10 marks)

b)   Discuss the health risks of using computers.

                                                                            (6 marks)

c)   State four benefits of software license agreements.

                                                                            (4 marks)

QUESTION FOUR (20 MARKS)

a)   Explain the following issues in relation to internet law: Accountability issues, Defamation and Pornography.   (10 marks)

b)   When developing a new software quality cannot be directly measured hence it was decided to breakdown software quality into manageable and measurable quality factors. Explain any five technical factors considered.

                                                                            (10 marks)

QUESTION FIVE (20 MARKS)

a)   Define the term outsourcing as used in business enterprises.

                                                                            (2 marks)

b)   Explain any four potential benefits of outsourcing IT Service Management.

                                                                            (8 marks)

c)   Discuss the following basic ethical concept:;

      i)   Responsibility

      ii)   Liability

      iii)   Due process

      iv)   Accountability.   (10 marks)