KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
FOR THE CERTIFICATE IN INFORMATION TECHNOLOGY
CBM 014: ICT AND ETHICS

Date: 08TH December 2023
Time: 2:30PM – 4:30PM

INSTRUCTIONS TO CANDIDATES
ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS
QUESTION ONE (30 MARKS)

a) Define the term network and identify various benefits of sharing resources on a network
(10 Marks).
b) Identify and discuss at least three elements of an information system   (8 Marks)
c) Discuss any two advantages and three disadvantages that users experience when working with computers.   (10 Marks)
d) State and explain how the society uses computers in education, procurement and manufacturing
(9 Marks)

QUESTION TWO (20 MARKS)

a) Define the following terms as used in ICT and Ethics   (10 Marks)
   i)   Ethics
   ii)   Telecommunication Computer network
   iii) Cache memory
   iv)   Information
b) Identify and elaborate five security threats to information systems   (10 Marks)

QUESTION THREE (20 MARKS)

a) Explain why computer literacy is important to the successful job execution in today's world
(6 Marks)
b) Differentiate between the following terminologies found in ICT and Ethics:
   i)   Worm and Trojan horse   (3 Marks)
   ii)   Application software and system software   (3 Marks)
   iii) Computer security and information security   (3 Marks)

c) Discuss some four uses of internet and the world wide web (www)   (8 Marks)

QUESTION FOUR (20 MARKS)

a) Identify and discuss some of the effects of social media on cultural values in our communities today
(10 Marks)
b) Outline the basic issues that differentiate between ethics and law   (8 Marks)
c) Define an operating system   (2 Marks)

QUESTION FIVE (20 MARKS)

a) "Computer networks play a key role in todays' business operations". Discuss this phrase as used in ICT and Ethics (8 Marks)

b) Control Unit is an integral part of the computers brain, discuss how it functions (6 Marks)

c) Differentiate between digital computers and analog computers (6 Marks)