KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS, 2020/2021 ACADEMIC YEAR
FOR THE CERTIFICATE INFORMATION COMMUNICATION TECHNOLOGY
CBM 014 - INFORMATION COMMUNICATION TECHNOLOGY AND ETHICS

Date: 11th 2020
Time: 2 Hrs.

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION 1 COMPULSORY (30 MARKS)

a)   Distinguish the following terms
   i)   Information   (2 Marks)
   ii)   Data   (2 Marks)
   iii)   Hardware   (2 Marks)
b)   Identify three uses of computers in education.   (6 Marks)
c)   Describe three output devices used with computer systems.   (6 Marks)
d)   Highlight three general purpose application softwares.   (6 Marks)
e)   Describe the components of an information system.   (6 Marks)

QUESTION TWO (20 MARKS)
a)   Relate the characteristics of a computer with how computers can be used to improve
         organizational performance.   (8 Marks)
b)   Examine two optical data storage media   (6 Marks)
c)   Analyze Viruses, worms and Trojan horses as threats to data security.   (6 Marks)

QUESTION THREE (20 MARKS)
a)   Discuss five devices used for data input.   (10 Marks)
b)   With the aid of a well labeled diagram, explain the start network topology and identity two
         advantages and two disadvantages associated with this topology.   (10 Marks)

QUESTION FOUR (20 MARKS)
a)   Interrogate two emerging trends in computing.   (10 Marks)
b)   Examine five differences between RAM and ROM   (10 Marks)

QUESTION FIVE (20 MARKS)
a)   With the aid of relevant examples, examine the merits of sharing information through emails in
         an organization.   (10 Marks)
b)   As an ICT consultant, advice your client on the factors to consider when purchasing a computer
         system.   (10 Marks)