KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
FIRST YEAR,SECOND SEMESTER EXAMINATIONS
FOR THE DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY
<u>DIT 1005-SYSTEM ANALYSIS AND DESIGN</u>

Date: 13th April, 2022
Time: 11.30 am – 1.30pm

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

(a)   State any Information System stakeholders in an organization.   (4 marks)

(b)   Explain five characteristics of a system.   (10 marks)

(c)   (i)   Explain what you understand by the term system feedback giving its importance.(4 marks)

         (ii)   Identify and explain the three key components of a system feedback   .(9 marks)

(d)   List any three systems within your college.   (3 marks)

QUESTION TWO (20 MARKS)

Identify and describe the first five stages of the Systems Development Life Cycle.   (20 marks)

QUESTION THREE (20 MARKS)

Highlight and discuss any four areas of feasibility study in System Development.   (20 marks)

QUESTION FOUR (20 MARKS)

Cite with an explanation five factors to consider when:

         (i)   Choosing Computer Software   (10 marks)

         (ii)   Choosing Computer Hardware   (10 marks)

QUESTION FIVE (20 MARKS)

After an organization develops a new information system, operationalization of the system is   critical.

In view of this explanation four methods that may be used in changing from the existing system to the new

one.   (20 marks