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

c

Date: 09TH AUGUST 2023
Time: 8:30AM – 10:30AM

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

a) Computers perform five major operations, name them (5 Marks)

b) State and briefly explain the computers under the classification by purpose (4 Marks)

c) Define the following terms (5 Marks)
   i) Desktop
   ii) Taskbar
   iii) Icons
   iv) Folder
   v) Start Menu

d) State and briefly explain three factors that will influence the performance of CPU (6 Marks)

e) Explain any five major application areas of computers (5 Marks)

f) State any five functions of an operating system in a computer (5 Marks)

QUESTION TWO (20 MARKS)

a) What is meant by the following terms? (8 Marks)
   i) Computer Architecture
   ii) Peripheral devices
   iii) Worksheet
   iv) Workbook

b) State four reasons why you would advice a government to embrace computerization (4 Marks)

c) Describe the importance of Ms Power Point as one of the application software (2 Marks)

d) Highlight the steps for Inserting Page Numbers in a word document (4 Marks)

e) State the two characteristics of good spreadsheet software (2 Marks)

QUESTION THREE (20 MARKS)

a) State and briefly explain any two accessories provided by Ms Windows (4 Marks)

b) Define the following terms
   i) Formula
   ii) Function (4 Marks)

c) State and briefly explain three types of translators (6 Marks)

d) How can one perform the following tasks in excel (6 Marks)
   i) Rename a worksheet
   ii) Adding column
   iii) Merging cells

QUESTION FOUR (20 MARKS)

a) Give the full meaning of the following acronyms as used in computers (5 Marks)
   i) OCR
   ii) OMR
   iii) MICR
   iv) EPROM
   v) ALU
b) Briefly explain five benefits of computer networking (5 Marks)
c) State and explain the two types of software (4 Marks)
d) State any six effects of Viruses (6 Marks)

QUESTION FIVE (20 MARKS)

a) Explain different features of standard word processor (10 Marks)
b) Explain two functions of query object in a database programs (4 Marks)
c) Explain three characteristics of a primary key field in database system (6 Marks)