KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2016/2017 ACADEMIC YEAR
FIRST YEAR, FIRST SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF SCIENCE
(BUSINESS ADMINISTRATION)

Date: 13th August, 2016.
Time: 3.30pm – 5.30pm

KBA 107   - INTRODUCTION TO MICRO-COMPUTERS

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

a)   i)   What is a computer?

(3 Marks)

ii)   Describe a computer system

(3 Marks)

b)   Briefly describe the history of the computer technology Generations

(10 Marks

c)   Describe function of the following;

i)   Word processors

ii)   Spread sheets

iii)   Compilers

(9 Marks)

d)   What is a multiuser operating system?

(5 Marks)

QUESTION TWO (20 MARKS)

a)   Explain the following types of memory;

i)   Cache Memory

(3 Marks)

ii)   Holographic Memory

(3 Marks)

iii)   Semiconductor memory

 (3 Marks)

b)   i)   Convert 1110.0111_2 to decimal

(3 Marks)

    ii)   Represent -17_{10} in Sign Magnitude notation

(8 Marks)

QUESTION THREE (20 MARKS)

Describe the following input devices;

    i)   Visual display unit keyboard

(4 Marks)

    ii)   Light pen

(4 Marks)

    iii)   Console

(4 Marks)

    iv)   Mouse

(4 Marks)

    v)   Optical character reader

(4 Marks)

QUESTION FOUR (20 MARKS)

Describe the following output devices;

    i)   Dot matrix printer

(4 Marks)

    ii)   Daisy wheel printer

(4 Marks)

    iii)   Drum printers

(4 Marks)

    iv)   Graph printers

(4 Marks)

    v)   Voice output

(4Marks)

QUESTION FIVE (20 MARKS)

a)   write short notes on;

    i)   Micro Computers

(4 Marks)

    ii)   Main Frame Computers

(4Marks)

b)   Define the term Software

(3 Marks)

c)   Describe the following Software;

    i)   Describe FOUR functions of Operating Systems

(4Marks)

    ii)   FIVE Service Programs (Utility Programs)

(5 Marks)