KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2016/2017 ACADEMIC YEAR
DIPLOMA IN BUSINESS ADMINISTRATION FIRST SEMESTER
DBA 003   - INTRODUCTION TO MICRO COMPUTERS

Date: August, 2016
Time:

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND **ANY OTHER TWO QUESTIONS**

QUESTION ONE (30 MARKS)

a)   What do you understand by the following terms?

      i)   Operating system

      ii)   Hybrid computer

      iii)   Analogue computer

      iv)   Software

      v)   Computer

(10 Marks)

b)   A computer is made up of some basic parts/components as a system. Briefly discuss these parts.

(10 Marks)

c)   The Central Processing Unit (CPU) is one of the structural parts of a computer that the computer cannot function without. Draw a well labelled diagram of the C.P.U and explain its four major functions.

(10 Marks)

QUESTION TWO (20 MARKS)

a)   Discuss the various types of Networks.

(6 Marks)

b)   Software falls into two main classifications. Giving examples describe them.

(6 Marks)

c)   What are some of the advantages of Super computers over Mini computers?

(4 Marks)

d)   List four storage devices and state their functions.

(4 Marks)

QUESTION THREE (20 MARKS)

 Computers have played a major role in today's society and thus have been used in wide areas. Discuss the various specific areas where computers have and are being used.

(20 Marks)

QUESTION FOUR (20 MARKS)

a)   Distinguish between the classification of computers and the types of computers giving three
       examples for each

                                                                                              (8 Marks)

b)   Networking involves communication among computer devices. What networking topologies help
       in facilitating communication?

                                                                                              (6 Marks)

c)   Differentiate between hardware and software.

                                                                                              (2 Marks)

d)   Bar code readers and light pens are input devices. Explain what functions each of them carries out

                                                                                              (4 Marks)

QUESTION FIVE (20 MARKS)

a)   Discuss the various kinds of operating systems that help a computer system carry out its tasks.

                                                                                             (10 Marks)

b)   Computers are electronic devices responsible for processing data. State and explain the various
       characteristics they have

                                                                                             (10 Marks)