THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

Faculty of Engineering and Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION TECHNOLOGY
DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY
DIT 11M/DIT2K 11M/DICT 11M/DICT2K 11M
YR 1 SEM 1

EIT 2103/EIT 2101: COMPUTER APPLICATIONS

END OF SEMESTER EXAMINATIONS

SERIES: AUGUST/SEPTEMBER 2011

TIME: 2 HOURS

<u>**Instructions to Candidates:**</u>
You should have the following for this examination
- *Answer booklet*

Answer question **ONE (COMPULSORY)** and any other **TWO** questions
This paper consists of **THREE** printed

Question 1 (Compulsory)

a) Outline any **TWO** limitations of file based systems   (2 marks)

b) Explain the following terms
    (i)   Database
    (ii)   DBMS
    (iii)   Primary key field   (6 marks)

c) Outline any **FOUR** advantages of Database   (4 marks)

d) List and explain any **THREE** Ms Access data objects   (6 marks)

e) List any **FOUR** data types used in Ms Access   (2 marks)

Question 2

a) You want to make a business report look really professional. Describe **FOUR** features of a word
    processor that can turn a dull document into an eye catching one   (4 marks)

b) List **TWO** benefits of using computers in your field of training   (2 marks)

c) Explain the functions of the following Ms-word interface
    i)   Quick access toolbar
    ii)   Formatting
    iii)   Editing
    iv)   Menu bar
                                                                                                   (8 marks)
d) Define the following Ms-PowerPoint terminologies
    (i)   Slide
    (ii)   Animation
    (iii)   Transition   (6 marks)

Question 3

a) Describe the use of the following Ms-DOS commands showing examples how they are used
    (i)   DIR
    (ii)   CD
    (iii)   MD
    (iv)   RD
    (v)   Del
    (vi)   Ren   (12 marks)

b) Describe **FOUR** functions of Operating Systems Software   (8 marks)

Question 4

a) Explain the use of the following functions found in Ms-Excel
    (i)   SUM

(ii)   RANK
        (iii)   TODAY
        (iv)   MAX   (8 marks)

b) State and explain **FOUR** types of operating systems   (8 marks)

c) Draw and name the relationship between data, data processing and information
                                                                                (4 marks)

Question 5

a) State characteristics of good information   (5 marks)

b) Explain the meaning of the following Ms-Excel terms
        (i)   Cell
        (ii)   Worksheet
        (iii)   Workbook
        (iv)   Cell Reference   (8 marks)

c) State any **FOUR** characteristics of devices which marked the historical development of computers
                                                                                (4 marks)

d) Explain the following
        (i)   Manual Systems
        (ii)   Mechanical Systems
        (iii)   Electrical Systems   (3 marks)