THE TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN ENVIRONMENTAL & HEALTH SCIENCES
DIPLOMA IN NUTRITION AND HEALTH

EIT 2101: COMPUTER APPLICATIONS

SPECIAL/SUPPLEMENTARY EXAMINATION
SERIES: FEBRUARY 2013
TIME: 2 HOURS

<u>**Instructions to Candidates:**</u>
You should have the following for this examination
- *Answer Booklet*
This paper consist of **FIVE** questions
Answer question **ONE (COMPULSORY)** and any other **TWO** questions

Maximum marks for each part of a question are as shown
This paper consists of **TWO** printed pages
Question One (Compulsory)

a) Define an operating system. (2 marks)
b) List and explain the THREE types of an operating system. (6 marks)
c) Describe the step by step process how you should create a new presentation. (2 marks)
d) What are the functions of an operating system? (8 marks)
e) Define the following terms as used in ICT. **(8 marks)**
    (i) Auto fill
    (ii) Hardware
    (iii) Software
    (iv) Mouse

f) Identify **TWO** devices each that can be used for the following functions in a computer?
    (8 marks)

    (i) Input
    (ii) Storage
    (iii) Communication
    (iv) Output

g) Identify and explain the **TWO** types of software. **(4 marks)**

Question Two

a) What is a primary key? **(3 marks)**
b) List and explain the various types of keys used in Ms. Access **(9 marks)**
c) Explain various objects used in Databases. **(8 marks)**

Question Three

a) Define the term computer. **(2 marks)**

b) A company intends to install computers in its operation. Identify some of the disadvantages the company is likely to face. **(10 marks)**
c) Distinguish the following terms:
    (i) Keyboard and touch screen
    (ii) Softcopy and hardcopy **(8 marks)**

Question Four

a) Describe a spreadsheet as used in computer application **(3 marks)**

b) State the importance of "sort" in Ms. Excel. **(5 marks)**

c) What benefits does an organization get by using Ms. Excel. **(12 marks)**

Question Five

a) What is a word processor? **(2 marks)**
b) Describe how you would insert a table in a word document **(12 marks)**
c) State **THREE** features of a good word processor. **(6 marks)**