



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

Instructions to Candidates:

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)

