



**THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

**(A Constituent College of JKUAT)**

(A Centre of Excellence)

# **Faculty of Engineering & Technology**

**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

DIPLOMA IN ARCHITECTURE

DIPLOMA IN BUILDING & CIVIL ENGINEERING

(DA/DBCE)

**CE2C 1102: INTRODUCTION TO COMPUTER SCIENCE**

END OF SEMESTER EXAMINATION

**SERIES: DECEMBER 2012**

**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) List down **TWO** types of storage media. (2 marks)
- b) Distinguish between data and information. (2 marks)
- c) Describe the following mouse operations. (2 marks)
- (i) Double click
  - (ii) Drag and drop
- d) Describe the following computer devices giving one example of each. (2 marks)
- (i) Input device (2 marks)
  - (ii) Output device (2 marks)
  - (iii) Storage device (4 marks)
- e) Explain the following terms as used in the internet technology. (6 marks)
- (i) World Wide Web (WWW)
  - (ii) Uniform Resource Location (URL)
  - (iii) Web Browser
- f) State the functions of the following windows components. (10 marks)
- (i) Menu
  - (ii) Icons
  - (iii) Task bar
  - (iv) Scroll bar
  - (v) Start bar

### Question Two

- a) Describe the steps in carrying out the following operations. (12 marks)
- (i) Creating folder
  - (ii) Emptying the recycle bin
  - (iii) Undeleting file or folder
- b) Describe **THREE** basic features of spreadsheet. (3 marks)

### Question Three

- a) Explain the **THREE** major types of software giving **ONE** example of each. (9 marks)
- b) With examples briefly describe the following:
- (i) Primary storage media (3 marks)
  - (ii) Secondary storage media (3 marks)

### Question Four

- a) Define Graphical User Interface (GUI) (4 marks)
- b) What are the benefits of the GUI? (11 marks)

### Question Five

Discuss the different types of computers highlighting how their characteristics make them unique for their specific tasks. (15 marks)