



# **THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

***Faculty of Business & Social Studies***

DEPARTMENT OF HOSPITALITY & TOURISM

CERTIFICATE IN TOUR AND TRAVEL OPERATIONS

(CTTO J10)

## **COMPUTER APPLICATION**

END SEMESTER EXAMS

**SERIES:** APRIL/MAY 2010.

**TIME:** 2 HOURS

### **INSTRUCTIONS TO CANDIDATES**

1. The paper consists of **TWO** Sections **A** and **B**.
2. Section **A** is compulsory. Answer ALL questions.
3. Answer any **TWO** questions from Section **B**.

**SECTION A** (Answer **ALL** questions)

Q.1 Define the following terms:-

- (i) Computer
  - (ii) Software
  - (iii) Hardware
  - (iv) Program
  - (v) Information
- (10 marks)

Q.2 (a) Define the term computer generation. (2 marks)

(b) Explain on the following devices which marked the historical development of computers.

- (i) Babbage analytical engine
  - (ii) Abacus
  - (iii) Napiers bones
  - (iv) Jacquards Loom.
- (8 marks)

Q.3 (a) State and explain on **THREE** computer classified under the physical size. (6 marks)

(b) Explain in use of the following computer packages:

- (i) Word processing
  - (ii) Spreadsheet processing.
- (4 marks)

**SECTION B**

Answer any **TWO** questions from this Section.

Q.4 (a) Explain on the following input devices.

- (i) Digitizer
  - (ii) Keyboard
  - (iii) Mouse
  - (iv) Bar code Reader
- (8 marks)

(b) State and explain on the **FOUR** output devices. (8 marks)

(c) Explain on the following types of memory:

- (i) Random Access memory (RAM).
  - (ii) Read only memory (ROM).
- (4 marks)

- Q.5 (a) Explain on the following types of computers:
- (i) Hybrid computer
  - (ii) Desktop computer
  - (iii) Analogue computer
  - (iv) Special purpose computer
  - (v) General purpose computer. (10 marks)
- (b) Explain on any **FIVE** disadvantages of the first generation computers. (10 marks)
- Q.6 (a) Draw the block structure of the computer hardware and state the **SIX** elements. (12 marks)
- (b) Describe the following types of data processing modes:-
- (i) Batch processing
  - (ii) Time sharing
  - (iii) Multi processing
  - (iv) Real time (8 marks)
- Q.7 (a) Outline the steps followed in activating Ms-Excel program. (4 marks)
- (b) Explain any **FOUR** features of Ms-Word program. (8 marks)
- (c) State any **FOUR** use of the Ms-Excel program. (4 marks)
- (d) State any **FOUR** editing tasks in Ms-Word. (4 marks)