# THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

## *Faculty of Business & Social Studies*

DEPARTMENT OF MEDIA STUDIES


DIPLOMA IN MASS COMMUNICATION (RADIO & PRINT)
(DMR 1 / DMP 1)


## INFORMATION COMMUNICATION TECHNOLOGY


END OF SEMESTER EXAMS

SERIES:   APRIL/MAY 2010

TIME:  2  HOURS


### INSTRUCTIONS TO CANDIDATES


1.     The paper consists of  **EIGHT** questions.

2.     Answer any **FIVE** questions only.

3.     All questions carry equal marks.

5.     Cheating leads to disqualification.

6.     Switch off mobile phone.


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Q.1 (a) (i) Windows provides a fast way in setting up new programs in a computer.
Outline the steps of installing a program on your computer. (3 marks)

(ii) There are two types of memories in a computer, RAM and ROM. Discuss the importance of RAM in computer operations. (2 marks)

(iii) Mention any **THREE** causes of loosing data while using a computer. (3 marks)

(b) Explain the terms below:

(i) Icon

(ii) Dialog box

(iii) Menu bar

(iv) Task bar (8 marks)

(c) (i) Discuss the consequences of data when a computer is turned off without using 'shutdown button'. (2 marks)

(ii) What is the importance of a folder in data management? (2 marks)

Q.2 (a) State the steps of creating a new folder. (2 marks)

(b) (i) Define the term software. (2 marks)

(ii) Differentiate between the following terms:
System software & Application software. (6 marks)

(iii) State any **TWO** types of application software. (4 marks)

(c) Discuss any **THREE** tasks of the computer 'control panel'. (6 marks)

Q.3 (a) (i) Interpret the following initials: MS – DOS. (2 marks)

(ii) Discuss the following terms: "Pentium 2" and "Pentium 4" (4 marks)

(iii) Explain the steps taken in importing data from a CD to a flash disk. (3 marks)

(b) Explain the steps taken in customizing the following settings:

(i) Setting the screen saver (3 marks)

|   |   | (ii) | Setting the background. | (3 marks) |
|---|---|------|-------------------------|-----------|

|     | (c) | (i) | Open the 'accessories program' and name all its facilities. | (2 marks) |
|-----|-----|-----|------------------------------------------------------------|-----------|
|     |     | (iii) | Click on the Paint program and describe its main functions, using the HELP facility on the menu bar. | (3 marks) |

| Q.4 | (a) | (i) | Explain the term 'OS'. | (2 marks) |
|-----|-----|-----|------------------------|-----------|
|     |     | (ii) | Explain the importance of BYTES in operating systems. | (3 marks) |
|     |     | (iv) | Mention **THREE** functions of "my computer" icon. | (3 marks) |
|     | (b) | (i) | Define the term 'windows'. | (2 marks) |
|     |     | (ii) | Distinguish between windows 2000 and windows XP. | (4 marks) |
|     |     | (iii) | Outline any **SIX** application packages within Microsoft office 2003. | (6 marks) |

**Q.5** Explain how internet service signals are transmitted from one user to another. (20 marks)

**Q.6** Explain the step-by-step procedure one follows when using the internet to send an electronic mail to a friend. (20 marks)

**Q.7** (a) Define the following computer terms:

|   |   | (i) | Display unit | (2 marks) |
|---|---|-----|--------------|-----------|
|   |   | (ii) | CPU | (2 marks) |
|   |   | (iii) | Computer Printer | (2 marks) |
|   | (b) | (i) | State true or false concerning the statement below: | (2 marks) |

*-A computer is an electronic device or set of devices that work under the control of instructions in form of stored programs accepting data from outside itself and processing to produce desired information.*

|   |   | (ii) | List the three components of computer hardware. | (3 marks) |
|---|---|------|------------------------------------------------|-----------|
|   |   | (iv) | Discuss the difference between the primary and the secondary storage of a computer. | (4 marks) |

(c) Explain any **TWO** important characteristics of a computer to the society. (5 marks)

Q.8 (a) (i) Digital computers come in four different types. Mention any **THREE**. (3 marks)

(ii) State any **TWO** functions of the left and the right button of a computer mouse. (4 marks)

(iii) Mention the functions of the following keys of a keyboard.

Keyboard: Caps lock, Space bar, Back space, arrow keys. (8 marks)

(b) (i) State the **TWO** main roles of a (CD). (2 marks)

(ii) Outline the steps of transferring data to a CD. (3 marks)