



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

**CERTIFICATE IN COMMUNITY HEALTH & COUNSELLING
(CCHC)**

EIT 1101: COMPUTER APPLICATIONS

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 any **THREE** questions
Maximum marks for each part of a question are as shown
This paper consists of **THREE** printed pages

Question One (Compulsory)

- a) What is a computer? **(1 mark)**
- b) Give any **FOUR** functions of a computer. **(4 marks)**
- c) Illustrate how computer components interact. **(3 marks)**
- d) Define each of the following terms as used in computer. **(4 marks)**
 - (i) Softcopy
 - (ii) Printout
 - (iii) UPS
 - (iv) PSU
- e) Differentiate between each of the following terms: **(6 marks)**
 - (i) Gigahertz and Megabyte
 - (ii) Cold boot and warm boot
 - (iii) RAM and Rom
- f) What is a service program? **(2 marks)**

Question Two

- a) Describe the distinguishing features of each of the following application packages as used in office procedures. **(5 marks)**
 - (i) Microsoft Office Word 2010. **(5 marks)**
 - (ii) Microsoft Office Excel 2010 **(5 marks)**
- b) Describe each of the following utilities: **(2 marks)**
 - (i) Antivirus application **(2 marks)**
 - (ii) Firewalls **(2 marks)**
 - (iii) Compression **(2 marks)**
 - (iv) Data recovery utilities **(2 marks)**
 - (v) Diagnostic **(2 marks)**

Question Three

- a) Discuss the classification of computers under each of the following headings: **(12 marks)**
 - (i) Laptops
 - (ii) Notebook
 - (iii) Desktop
 - (iv) Palm top
- b) Explain how you would tell a computer is infected with virus. **(5 marks)**
- c) Define each of the following terms as used in computer virus. **(3 marks)**
 - (i) Spyware
 - (ii) Trojan house
 - (iii) Worm

Question Four

- a) With the help of a diagram, describe the Microsoft internet explorer web browser window environment. **(10 marks)**
- b) Describe the distinguishing features of each of the following websites.
- (i) www.howstuffworks.com
 - (ii) www.e-government.go.ke
 - (iii) www.skype.com
 - (iv) www.google.com
 - (v) www.msn.com **(10 marks)**

Question Five

- a) With the help of a diagram, describe the software family tree. **(12 marks)**
- b) Describe the functions of windows 7 operating system. **(8 marks)**