



# THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

## *Faculty of Engineering and Technology*

### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN MASS COMMUNICATION 2 (CMC 2)

**EIT 1102: COMPUTER APPLICATIONS**

**END OF SEMESTER EXAMINATIONS**

**SERIES: AUGUST/SEPTEMBER 2011**

**TIME: 2 HOURS**

#### **Instructions to Candidates:**

This paper consist of **TWO** sections **A** and **B**

Answer question **ONE (COMPULSORY)** and any other **TWO** questions from the list of questions below

This paper consists of **TWO** printed pages

**SECTION A (30 MARKS) – Answer all Questions in this section**

**Question 1 (Compulsory)**

- a) (i) Define the term web browser (2 marks)  
(ii) Name any **TWO** web browsers (2 marks)
- b) (i) State any **TWO** pictures formats widely supported by web browsers (2 marks)  
(ii) Briefly explain any **TWO** differences of the picture formats mentioned above (4 marks)
- c) Explain the following terms  
(i) Tag  
(ii) Hyperlink  
(iii) Search Engine  
(iv) Web master  
(v) Web page (8 marks)
- d) What is the difference between internet and intranet (4 marks)
- e) What is world wide web (www) (3 marks)
- f) Give any **FIVE** web design editors (5 marks)

**SECTION B – Answer any TWO questions**

**Question 3**

- a) Discuss any **FIVE** factors that may compel an organization to invest in a website (10 marks)
- b) Describe clearly the factors to consider when designing a web page (10 marks)

**Question 4**

- a) Briefly describe the web site creation process (6 marks)
- b) Explain any **FOUR** different applications of an internet (4 marks)
- c) Highlight how modern organizations respond to business pressures in this area of globalization (6 marks)
- d) State and explain any **TWO** ethical issues when using the internet (4 marks)

**Question 5**

- a) Discuss any **FIVE** distinguishing features of each of the following application packages  
(i) Word processing  
(ii) Spreadsheet  
(iii) Databases  
(iv) Desktop publishing (20 marks)