



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN INFORMATION TECHNOLOGY (CIT2K11M)

EIT 1129: INTERNET APPLICATION/ TECHNOLOGY

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: FEBRUARY/MARCH 2012

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions in **TWO** sections **A & B**

Answer question **ONE (COMPULSORY)** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **THREE** printed pages

SECTION A (COMPULSORY)

Question 1

Given the following URL: ' http:// www.mombasapoly.ac.ke/mpuc/index.html'.

- a) Outline the segments in the above URL. (4 marks)
- b) List any **SIX** features of extranets. (6 marks)
- c) Explain what is meant by Internet governance. (2 marks)
- d) State the role of the following two in relation to internet governance. (4 marks)

 - i) ICANN
 - ii) ISOC

- e) State the **TWO** major sections of an email message. [4 marks]

SECTION B (Answer any two questions)

Question 2

- a) Describe the services an ISP can provide. [8 marks]
- b) Explain what is meant by Internet censorship [2 marks]
- c) Distinguish between the following terms as used on the internet [6 marks]
 - i) Intranet and Extranet
 - ii) Web server and Mail server
 - iii) Log-In and Sign-In
- d) State any **FOUR** methods of connecting to the internet. [4 marks]

Question 3

- a) Briefly outline the history of the internet, stating the timeline and the major organizations involved. [10 marks]
- b) State the advantages and disadvantages of the internet [10 marks]

Question 4

- a) Explain the term protocol. [2 marks]
- b) Explain any **THREE** emerging trends on the internet. [6 marks]
- c) Outline the steps in sending a new email message with a file attachment (notes.pdf) located on your desktop to the two recipients: kigeugeu@ymail.com, tobina@gmail.com. [8 marks]
- d) State **TWO** advantages of a wired internet connection. [2 marks]

Question 5

The internet has been used extensively as an electronic medium for conducting business.

- a) Define the term internet (2 marks)
- b) List **FOUR** other uses of the internet. (4 marks)
- c) Many people use the terms Internet and world-wide web interchangeably. What is the difference between the Internet and the world-wide web? (4 marks)
- d) Explain the following terms as used on the internet. (10 marks)
 - i. Browser
 - ii. Plug-in
 - iii. Website
 - iv. Webpage
 - v. HTML