



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN MASS COMMUNICATION (DMP/R1)

EIT 2101: COMPUTER APPLICATION

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

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One (Compulsory)

a) Define the following terms:

(i) Computer system

(ii) Peripheral system

(iii) System

(iv) Multimedia

(6 marks)

b) Differentiate the following:

(i) Softcopy and Hardcopy

(2 marks)

(ii) Input devices and Output devices

(2 marks)

(iii) Impact printers and non-impact printers

(2 marks)

c) List **FOUR** types of information processed by a computer.

(4 marks)

d) Explain **TWO** main differences between windows and Linux/unit operating system. (4 marks)

e) Why do media houses require computers?

(10 marks)

Question Two

a) What factors do we consider when purchasing a software for end user?

(10 marks)

b) Discuss **FIVE** main components of a computer according to Vonneuman theory

(10 marks)

Question Three

a) Discuss the factors to consider before purchasing a printer for a media house

(10 marks)

b) Using Examples, discuss the major computer specification which are important to consider before acquiring a computer system for a publishing firm. (10 marks)

Question Four

Write short notes under the following and give examples of each

(i) Word processing

(ii) Desktop publishing

(iii) Spreadsheet

(iv) Database management system

(v) Presentation packages

(20 marks)

Question Five

a) What are the major factors that determine the speed of a computer?

(10 marks)

b) Describe different ways of detecting and controlling viruses in your computer.

(10 marks)