MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)
University Examinations for 2014/2015

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY

First Year First Semester Examination for Diploma in ICT

DIT 100: INTRODUCTION TO ICT

Date: 16/12/2014   **Time: 8.30-10.30 am**

INSTRUCTIONS
Answer question one (compulsory) and any other two questions

Question One(30 marks)
   a) With aid of a well-labeled diagram of a functional computer system , explain the hardware components of a computer system.   (10marks)
   b) Argue any FIVE factors to consider while selecting computer software.   (10marks)

   c) Explain any FIVE impacts of computers in the contemporary society   (10 marks)

Question Two (20 marks)
   a) Explain **THREE** factors to consider while classifying computer systems.   (6marks)
   b) Compare **THREE** main types of computer networks.   (9marks)

   c) List any **FIVE** Requirements for internet connectivity   (5 marks)

Question Three (20 marks)

a) Explain **FIVE** reasons why an organization may decide to outsource IT services.   (10marks)
b) Explain **FIVE** attributes of quality information.   (10 marks)

Question Four (20 marks)

a) Explain any **FIVE** Functions of the operating systems (10 marks)

b) Discuss **TWO** ways in which the internet can be used by a business to enhance customer satisfaction (4 marks)

c)Explain any THREE benefits of Networking in an organization (6 marks)

Question Five (20 marks)

a) Discuss the advantages of off-the-shelf over tailor-made methods of acquiring software.

(10 marks)

b)Explain why as IT specialist in your organization you would recommend the use of computers

(10 marks)