Machakos University College

(A Constituent College of Kenyatta University)

University Examinations 2013/2014

DEPARTMENT OF   COMPUTING AND APPLIED SCIENCE

Examination for Diploma in Food and Beverage, Module one

Information Communication Technology

Date: Tuesday 25th 2014   Time: 2:30-4:30 PM

Instructions: answer any five questions

Question 1

(6 marks)

a. Define the following terms

     i.   Computer

     ii.   Data   (4 marks)

b. Distinguish between off the shelf and in house application packages   (4 marks)

c. Identify and explain **THREE** types of computers with regard to size   (6 marks)

d. State any **four** functions of the operating system   (4 marks)

 e. Differentiate between RAM and ROM   (2 marks)

Question 2
a) List any **four** input/output devices used on an Automated Teller Machine.

(**4 marks)

b) Define the following terms as used in computer applications:
    i. I.C.T
    ii. Data
   iii. Information
   iv. Application software   (8 marks)

C) Explain **four** Classifications of computers by size and processing power.(8 marks)

Question 3
a) In word processing using Microsoft Word 2007 describe the steps involved in:
    i. Opening an existing document
    ii. Saving a document

    iii. Closing an open document

    iv. Renaming a document   (8 marks)

b) Distinguish between computer hardware and computer software.   (4 marks)

c) State **two** advantages and **two** disadvantages of Third generation computers.

                                                                (4 marks)

d) Mutiso wants to purchase a computer for his personal use, Outline **four** reasons, why you would encourage him to buy a microcomputer.   (4 marks)

Question 4

a) With the aid of a block diagram, explain the functional components of a digital computer system.   (16 marks)

b) Differentiate the following terms in relation to computers:

    i. hardcopy and Softcopy

    ii. Moving and copying   (4 marks)

Question 5

          Discuss **five** advantages and **five** disadvantages of computers   (10 marks)

b) Giving **two** examples, describe the term *icon* as used in ms windows.   (4 marks)

c) Describe the following types of computers:

    i. Special purpose computers

    ii. General purpose computers

    iii. Dedicated computers   (6 marks)

Question 6

a) Discuss **four** reasons why employees resist the use of computers. (8 marks)

b) Define the following memory storage concepts:

    i.   Bit

    ii.   Byte

    iii.   Storage capacity

    iv.   Mega byte   (4 marks)

c) Differentiate between the following terms:

    i. Analog computer and Digital computer

    ii. Desktop and Laptop

    iii. RAM and ROM   (6 marks)

d) Outline **two** measures of avoiding virus infections on your P.C   (2 marks)

Question 7

a) Differentiate between *Save and Save-as* as used in file manipulation. (4 marks)

b) Outline the procedure of changing the desktop back ground.   (4 marks)

c) Explain the following functionalities of a mouse:

    i. Right click

    ii. Double clicking

    iii. Drag and drop   (3 marks)

d) Outline **three** reasons why a mobile phone is regarded as a computer. (3 marks)

e) Outline **three** advantages and **three** disadvantages of laptops as compared to desktop computers.   (6 marks)

Question 8

a) State the meaning of the following terms

    i.   Font size

    ii.   Font colour

    iii. Font style   (6 marks)

b) State three alignment styles   (4 marks)

c) Describe the following types of computers

    i. Mainframe computers

    ii. Minicomputers

    iii. Microcomputers   (6 marks)

d) Describe any **two** computer storage media   (4 marks)