Machakos University College

(A Constituent College of Kenyatta University)

University Examinations 2014/2015

DEPARTMENT OF COMPUTING AND APPLIED SCIENCES

Examination for Diploma in HRM/Supplies - Module 1

Information & Communication Technology

Date: 25/03/2014   *Time:* 8:30 – 10:30 am

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Question One

a. Explain any *four* types of computer networks   **(8 marks)**

b. Differentiate the *two* types of main memory   **(2 marks)**

c. Outline any *two* characteristics of secondary storage devices   **(2 marks)**

d. With the aid of well label diagrams, explain the following topologies as used in computer networks

   i.   Ring topology   **(2 marks)**

   ii. Mesh topology   **(2 marks)**

e. Describe any *four* mouse techniques as used in I.C.**T.**   **(4 marks)**

Question Two

a. Outline any *one* procedure of inserting tables in a word document.   **(4marks)**

b. Edna Wanja; Procurement Officer with Express Communications Co. Ltd wants to purchase new computers for their new branch in Machakos city. Other than cost, outline four factors he should consider when purchasing the computers.   **(4 marks)**

c. With the aid of a well label block diagram, outline the components of a digital computer system.   **(8 marks)**

d. Differentiate between **Non-impact** and **impact** printers.   **(4 marks)**

Question Three

a. Outline any *one* procedure of changing line spacing on Ms Word document.   **(2 marks)**

b. Mactech Company Ltd is on a mission to purchase new software for their use in their company. Other than cost, explain any *three* factors they should consider when purchasing the programs.   **(6 marks)**

c. Other than cost, briefly explain *any four* factors one should consider when procuring printers for their marketing department   **(4 marks)**

d. The I.C.T Technicians within MUC have noted with concern that the spread of computer virus within the campus is alarming:-

    i.   Define the term *computer virus*   **(2 mark)**

    ii.   Outline any *three* possible sources of computer virus within the institutions computers   **(6 marks)**

Question Four

a. Describe the following types of computers   **(6 marks)**

    i. Dedicated computers

    ii. Minicomputers

    iii. Microcomputers

b. Explain the *four* main operational functions of computer hardware   **(8 marks)**

c. Other than computers, list any other *four* hardware components/equipment required for setting up Local Area Network (LAN)   **(2 marks)**

d. Explain *two* roles played by I.C.T within the business fraternity.   **(4 marks)**

Question Five

a. It has come to the attention of the University administration that there has been a lot of loss of computers and data in the computer laboratories. Explain any *four* ways they can use to combat this problem.   **(8 marks)**

b. List any *four* types of pointing devices as used in computers.   **(2 marks)**

c. Outline any *one* process of creating tables in Microsoft.   **(4 marks)**

d. Explain any *two* types of data processing modes as used in ICT.   **(4 marks)**

e. Outline any *one* procedure of merging cells in Ms Word tables.   **(2 marks)**

THE END
Wishing you all the best and blessed Holidays