MACHAKOS UNIVERSITY

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY

END OF TERM EXAMINATION FOR DIPLOMA IN:

DIPLOMA IN SUPPLY AND CHAIN MANAGEMENT

DIPLOMA IN SALES AND MARKETING

DIPLOMA IN HUMAN RESOURCE MANAGEMENT

INTRODUCTION TO ICT

MODULE 1

JULY 2019

TIME GIVEN: TWO HOURS (2 Hours)

INSTRUCTIONS TO THE CANDIDATES:

1. You should have the following for this examination:-
   - Answer booklet
2. Answer **ANY FIVE** questions
3. All the questions carry twenty marks

This paper consists of four printed pages

Candidates should check the question paper to ensure that all the pages are printed as indicated and that no questions are missing

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Question One

1. Define the following terms as used in ICT.   **(8 marks)**

    i.   File
    ii.   Nibble
    iii. Computer
    iv.   Database

2. Outline any *four* uses of computers in the education sector.   **(4 marks)**

3. Differentiate between *window* and *windows* as used in computer applications. **(4 marks)**

4. Discuss any two classifications of computers.   **(4 marks)**

Question Two

a. Outline four types of computer networks.   **(4 marks)**

b. Hapa Kwetu enterprises, is on a mission to install internet connection on their offices. Explain any *four* benefits the organization is likely to experience after the completion of the project.   **(8 marks)**

c. Outline any *two* types of computer network topologies.   **(2 marks)**

d. Explain the ***three*** components of the C.P.U   **(6 marks)**

Question Three

a. Differentiate between *special purpose* and *general purpose* computers indicating any place where each can be used.   **(4 marks)**

b. State ***two*** types and differences of computer memory   **(2 marks)**

c. Outline any three possible causes of computer viruses.   **(3 marks)**

d. State any three roles of ICT in business organizations.   **(3 marks)**

e. Define the following terms as used in computers.   **(8 marks)**

    i.   Software
    ii.   Hardware
    iii. Internet
    iv.   Computer security

Question Four

a. Outline three components of the CPU.   **(3 marks)**

b. With the aid of a well labeled hierarchical chart, describe the categories of computer software.   **(6 marks)**

c. Maria Nabutola would wish to purchase a printer for her office use. Outline six factors that she should consider.   **(6 marks)**

d. Outline any five parts of a computer keyboard.   **(5 marks)**

Question Five

a. Explain any *three* mouse techniques as used in windows **(6 marks)**

b. Outline any *four* functions of operating systems. **(5 marks)**

c. Differentiate between RAM and ROM. **(4 marks)**

d. Outline any five mouse techniques as used in computers. **(5 marks)**

Question Six

a. Explain the role played by the following components within a computer system

    i. Output devices **(2 marks)**

    ii. Input devices **(2 marks)**

b. Explain the following terms as used in ICT. **(8 marks)**

    i. Ergonomics

    ii. Biometrics

    iii. Data processing

    iv. Internet

c. Outline the functions of the following keys as used in word processing

    i. Delete key **(2 mark)**

    ii. Backspace **(2 mark)**

    iii. Caps lock (2 mark)

    iv. Spacebar **(2 mark)**

Ends

Wishing you blessed festive seasons and Prosperous New Year 2019