



**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

©2018 Computing and INFORMATION TECHNOLOGY – C.I.T

### ***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*