



*(University of Choice)*

**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2023/2024 ACADEMIC YEAR**

**MAIN EXAMINATIONS**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS  
FOR THE DIPLOMA**

**IN**

**HOSPITALITY AND INSTITUTIONAL MANAGEMENT /  
DIPLOMA IN HUMAN NUTRITION AND DIETETICS**

**COURSE CODE: DND 053**

**COURSE TITLE: INTRODUCTION TO INFORMATION  
TECHNOLOGY**

**DATE: 13<sup>TH</sup> DECEMBER 2023 TIME: 9AM – 11AM**

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**INSTRUCTIONS TO CANDIDATES**

Answer all questions in SECTION A and B  
Answer only TWO questions in SECTION C  
Read additional instructions under various sections

TIME: 2 HOURS

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 3 Printed Pages. Please Turn Over

**SECTION A: ANSWER ALL QUESTIONS (10 MARKS)**

1. The \_\_\_\_\_ directs and coordinates most operations in the computer.
  - A. Control Unit
  - B. Central Processing Unit
  - C. Arithmetic Logic Unit
  - D. System Unit
2. The following are operations performed by a computer. Which one **is not**?
  - A. Provides the result in a desired form.
  - B. It receives data and instructions from the input device.
  - C. Processes the data as per instructions.
  - D. Sorts the data to provide a desired output.
3. Which of the following document units are described **correctly**?
  - A. Documents and files- is a group of one or more sentences, paragraphs are separated by leaving blanklines between them.
  - B. Paragraph- is a collection of pages.
  - C. Pages- are the amount of text that can be printed on one page of a paper.
  - D. Chapters- It is a group of chapters.
4. Which one of the following **is not** a common network topology?
  - A. Bus network.
  - B. Circle network.
  - C. Star network.
  - D. Ring network.
5. Which of the following describes a **standard toolbar**?
  - A. Displays the document name and the application.
  - B. Provides shortcuts in the form of buttons for frequently performed tasks.
  - C. Contains the list of menus available inside word, each menu contains a specific set of commands.
  - D. Contains a list of formatting options available inside theformat menu.

**Questions 6-10: Match the formula error messages correctly in your booklets.**

Formula Error Messages	
6. #NAME?	a. Means that the column is not wide enough to display the value. Or if there is a negative date or time in the cell.
7. CIRCULAR	b. Formula is attempting to divide by zero.
8. #VALUE!	c. Excel does not recognize text in a formula.
9. #DIV /0!	d. The formula is referencing itself.
10. #####	e. Occurs when the wrong type of operand or argument is used.

eg: 4= q

**SECTION B: ANSWER ALL QUESTIONS (30 MARKS)**

11. Distinguish between Primary memory and secondary memory. (5 marks)
12. Elaborate on any **five (5)** important features in MS. Excel. (5marks)
13. a. List **five (5)** importance of computers in the society. (5 marks)  
 b. What are the prerequisite requirements to connect to the internet (4 marks)
14. Outline **five (5)** ways information can be misused. (5 marks)
15. State **three (3)** advantages of networks. (6 marks)

**SECTION C: THE SECTION CONTAINS THREE QUESTIONS. ANSWER ONLY TWO QUESTIONS (30 MARKS)**

16. With relevant examples, explain the **five (5)** categories of software. (15 marks)
17. a) Define the term Operating System. (1 mark)  
 b) Explain **seven (7)** functions of an operating system. (14marks)
18. Discuss the various classifications of computers. (15 marks)

