



(Knowledge for Development)

# **KIBABII UNIVERSITY**

## **(KIBU)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

END OF SEMESTER EXAMINATION

2021/2022 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATION

FOR THE DIPLOMA IN

(INFORMATION TECHNOLOGY)

COURSE CODE: DIT 051

COURSE TITLE: COMPUTER APPLICATIONS

DATE: 18/05/2022      TIME: 9.00 A.M. – 11.00 A.M.

2HRS

**INSTRUCTIONS TO CANDIDATES:**

**ANSWER QUESTION ONE AND ANY OTHER TWO.**

Paper Consists of 2 Printed Pages. Please Turn Over →

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**QUESTION ONE (COMPULSORY) [24 MARKS]**

- a) Define the following terms; [6marks]
- i. Information
  - ii. Processor/computer
  - iii. Data
- b) Describe the basic applications areas of the internet [6marks]
- c) Highlight four advantages of computers [4marks]
- d) What is a computer virus [2marks]
- e) Discuss the three types of buses found in computer system [6marks]

**QUESTION TWO [18 MARKS]**

- a) Describe four Features of Word-processing [8marks]
- b) Discuss any five default items found on the windows desktop [10marks]

**QUESTION THREE [18 MARKS]**

- a) Differentiate between a digital computer and analog computer [8marks]
- b) Explain the importance of the following computer application software [6marks]
- i. Word processing
  - ii. PowerPoint
  - iii. Excel
- c) Distinguish between RAM and ROM [4marks]

**QUESTION FOUR [18 MARKS]**

- a) Describe the five computer generations explaining the characteristics of each generation [10marks]
- b) Explain four areas where a spreadsheet software can be used explaining the roles it would play [4marks]
- c) Write a typical format of an email address [4marks]

**QUESTION FIVE [18 MARKS]**

- a) Outline what the shortcut keys below represent [3Marks]
- i. Ctrl+P
  - ii. Ctrl+S
  - iii. Ctrl+F
- b) Describe the role of computer in the society [10marks]
- c) Most of desktop keyboards have five main parts. Describe the parts giving example of each. [5marks]