
CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

CHUKA, EMBU & THARAKA CAMPUSES

FIRST YEAR EXAMINATION FOR THE AWARD OF DIPLOMA TOURISM AND
HOSPITALITY, JOURNALISM, COMMUNITY DEVELOPMENT PROJECT
PLANNING AND LEADERSHIP AND PUBLIC ADMINISTRATION

COSC 0102: INTRODUCTION TO COMPUTER APPLICATIONS

STREAMS: DIP. COMP SCI Y1S1

TIME: 2 HOURS

DAY/DATE: TUESDAY 6/08/2019

11.30 A.M - 1.30 P.M.

INSTRUCTIONS:

- Answer question **ONE** and **TWO** other questions
- Do not write anything on the question paper
- This is a **closed book exam**, No reference materials are allowed in the examination room
- There will be **NO** use of mobile phones or any other unauthorized materials
- Write your answers legibly and use your time wisely.
- Marks are awarded for clear and concise answers.

QUESTION ONE (30 MARKS)

1. Define the term software [1 mark]
2. Name three computer output devices [3 marks]
3. Give the description of the following units of memory
 - i. Bit [2 marks]
 - ii. Nibble [2 marks]
 - iii. Byte [2 marks]
 - iv. Word [2 marks]
- d. Giving an example differentiate between system software and application software [6 marks]
- d. List four problems you are likely to encounter when printing a document [4 marks]

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- d. Give two characteristics of a RAM
[2 marks]
- e. Explain the difference between LAN and WAN types of computer networks. [4 Marks]
- f. What is a search engine
[2 marks]

SECTION B {ANSWER ANY TWO QUESTIONS FROM THIS SECTION}

QUESTION TWO (20 MARKS)

- 1. Explain five methods used to care and maintain computers [10 marks]
- 2. Explain five ways in which computers are used in our society [10 marks]

QUESTION THREE (20 MARKS)

- (a) Name two transmission media used in computer networks [2 marks]
- (b) Discuss the advantages associated with the use electronic mail over traditional paper mail
[8 marks]
- (c) Explain five ways in which computer viruses can be spread [10 marks]

QUESTION FOUR (20 MARKS)

- a. Explain five roles of operating system [10 marks]
- b. Explain each of the following word processing features. [6 marks]
 - a.i. Word Wrap
 - a.ii. Macros
 - a.iii. Mail Merge
- c. State FOUR features that would be required to write the following statement as it is. [2 marks]

Computers are *essential* to business as H₂O is to LIFE.

QUESTION FIVE (20 MARKS)

- a. Explain five reasons of using database management system instead of file system [10 marks]

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b. State and briefly explain the five categories of keys found on a standard keyboard [10 marks]

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