

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF CERTIFICATE IN COMPUTER SCIENCE,
ANIMAL HEALTH AND PRODUCTION, COMMUNITY DEVELOPMENT, EARLY
CHILDHOOD DEVELOPMENT AND EDUCATION AND PROJECT PLANNING AND
MANAGEMENT**

COSC 00102: INTRODUCTION TO COMPUTER APPLICATIONS

STREAMS: COMP SCI Y1S1, ANHE Y1S1, ANHE Y1S2, COMDEV Y1S1, ECDE Y1S1,

PPMA Y1S1

TIME: 2 HOURS

DAY/DATE: FRIDAY 07/12/2018

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.

Question one (30 marks)

- a. Explain the application of computers in the following fields
 - i. tourism (2 marks)
 - ii. Healthcare (2 marks)
 - iii. Security (2 marks)
- b. List any two differences between RAM and ROM (4 marks)
- c. What do you understand by the following terms as used in Microsoft word (4 marks)

- i. Save and save as
- ii. Subscript and superscript
- d. Using relevant example differentiate between wired and wireless communication media (4marks)
- e. Name any three data formats that can be entered in an excel worksheet (3 marks)
- f. State three reasons why a computer is a good tool for information processing (3 marks)
- g. Name any two output devices (2 marks)
- h. Distinguish between data and database (4 marks)

SECTION B (ANSWER ANY TWO QUESTIONS)

Question two (20marks)

- a. Giving examples where necessary discuss the five type of operating systems (10 marks)
- b. State and explain the two principal ways of connecting to the internet (4 marks)
- c. Differentiate between input and output devices and give two examples of each (6 marks)

Question three (20marks)

- a. Explain any 6 features of the word screen in Microsoft word (12 marks)
- b. Computers can be classified into many different categories. discuss the classification of computers according to size (8 marks)

Question four (20marks)

- a. Describe why a word processing application is important to an organization and state any two-word processing software application you would recommend for use (4 marks)
- b. Explain three ways used to care and maintain computers (6 marks)
- c. What is a computer network? Explain **FOUR** positive and negative impacts of computer network (10 marks)

Question five (20marks)

- a. Discuss any five reasons why the internet should be considered as an asset to any business entity (10 marks)
 - c. Describe the four components of a computer giving an example in each case (8 marks)
 - b. Distinguish between Analog computers and digital computers (2 marks)
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