

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE IN

COMP SCI Y1S1, ANHE Y1S1, ANHE Y1S2, COMDEV Y1S1, ECDE Y1S1 ,PPMA Y1S1

COSC 00102: INTRODUCTION TO COMPUTER APPLICATIONS

TIME: 2 HOURS

CAMPUSES: CHUKA

DAY/DATE.....

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. Define the following terms as used in computer science
 - i. Data (2marks)
 - ii. Programs (2marks)
 - iii. System unit (2marks)
 - iv. Hardware (2marks)
- b. Briefly explain the two forms of data (4marks)
- c. List any three salient feature of a computer (3marks)
- d. Give two examples of secondary storage devices (3marks)
- e. List any two examples of word processors (2marks)
- f. List any three advantages associated with the use of general purpose software

(3marks)

- g. Give two examples of database software (2marks)

- h. List any three symptoms of a computer infected by viruses (3marks)
- i. List two examples of email software (2marks)

SECTION B (ANSWER ANY TWO QUESTIONS)

Question two (20marks)

- a. Discuss five advantages of a computerized system over a manual system
(10marks)
- b. State three methods of classifying computers and in each case list the different type of computers (10marks)

Question three (20marks)

- a. Discuss the functions of the operating systems (10marks)
- b. Giving examples for each discuss the classification of computer networks under geographical coverage (10marks)

Question four (20marks)

- a. Briefly discuss the role of the following feature found in Microsoft word office (12 marks)
 - i. Cursor position.
 - ii. Menu bar
 - iii. Document title
 - iv. Tool bars.
 - v. Status bar Scroll bar
 - vi. Scroll bar
- b. Discuss the advantages associated with the use electronic mail over traditional paper mail (8marks)

Question five (20marks)

- a. Explain five ways in which computer viruses can be spread
(10marks)
- b. Discuss five features of Microsoft excel application window
(10marks)