CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

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

COSC 00102: INTRODUCTION TO COMPUTER APPLICATIONS

STREAMS: CERT. COMP SCI, ANHE, COMDEV, ECDE & PPMA   TIME: 2 HOURS

DAY/DATE: WEDNESDAY 03/02/2021   **8.30 A.M – 10.30 A.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 (20 marks)
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 (20 marks)

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 (20 marks)
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 (20 marks)
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)