

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE IN

COSC 00102: INTRODUCTION TO COMPUTER APPLICATIONS

STREAMS: COMP SCI (Y1S1), CHTM (Y1S2), ANHE (Y1S1), COMDEV (Y1S1), CRSS (Y1S2)
TIME: 2 HOURS

DAY/DATE: WEDNESDAY 14/07/2021

2.30 P.M. – 4.30 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)

- Define the following terms as used in computing
 - output (2marks)
 - hardware (2marks)
- Differentiate between LAN and MAN (4marks)
- Differentiate between data and information (4marks)
- list any three examples of presentation graphic packages (3marks)
- Name any three data formats that can be entered in an excel worksheet (3marks)
- State three reasons why a computer is a good tool for information processing (3marks)
- Differentiate between the move and copy command in MS-word (2marks)
- Name any two output devices (2marks)
- List any three file management functionalities of the operating system (3marks)
- Name any two examples of antivirus software (2marks)

SECTION B (Answer any TWO questions)

QUESTION TWO (20MARKS)

- a. Discuss the application of computers in the following sectors (10marks)
- i. industries
 - ii. hospitals
 - iii. hotel management
 - iv. Security
 - v. Weather forecasting
- b. Discuss the functions of the operating systems (10marks)

QUESTION THREE (20MARKS)

- a. With an aid of a diagram; describe three major Local Area Network topologies.
(12marks)
- b. Computers can be classified into many different categories, discuss the classification of computers according to purpose. (6marks)
- c. Name any two views available in power point (2marks)

QUESTION FOUR (20MARKS)

- a. Explain any 6 features of the word screen in Microsoft word (12marks)
- b. Describe the four components of a computer giving an example in each case (8marks)

QUESTION FIVE (20 MARKS)

- a. Explain the role of following features in an MS-Excel window [10 marks]
- i. Title bar
 - ii. Formula bar
 - iii. Cell
 - iv. Worksheet browsers
 - v. Cell selector
- b. State and explain five services provided by utility programs (10 marks)
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