

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**CHUKA AND EMBU CAMPUS**

**EXAMINATION FOR THE AWARD OF CERTIFICATE IN COMPUTER SCIENCE, CERTIFICATE IN ANIMAL HEALTH, CERTIFICATE IN COMMUNITY DEVELOPMENT, CERTIFICATE IN CRIMINOLOGY AND SECURITY STUDIES, CERTIFICATE IN HOTEL MANAGEMENT**

**COSC 00102: INTRODUCTION TO COMPUTER APPLICATIONS**

**STREAMS: CERT. COSC.**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 11/12/2023**

**2.30 P.M. – 4.30 P.M.**

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**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
  - program (2 marks)
  - software (2 marks)
- Define the term workbook as used in spreadsheet programs. (2 marks)
- Differentiate between the cut and copy command in MS-word (2 marks)
- Jayden, intends to send an email to his friend. Outline two email applications that he would use to achieve his objective. (2 marks)
- list any three examples of presentation graphic packages (3 marks)
- Name the three units that make up the CPU (3 marks)

- g. Name any three examples of antivirus software (3 marks)
- h. Name any three features of the word screen (3 marks)
- i. The Internet has many services which it can offer including telnet. Define internet and describe the purpose of this service to users. (4 marks)
- j. Using relevant examples differentiate between wired and wireless communication (4 marks)

**SECTION B (Answer any TWO questions)**

**QUESTION TWO (20 MARKS)**

- a. Explain five limitations of traditional file processing systems that have necessitated a database approach (10 marks)
- b. An upcoming organization uses a lot of files in keeping records; the organization wants to break down the paperwork and automate the basic routine jobs by interconnecting computers in the organization. What will be the business benefits of networking this organization? (10 marks)

**QUESTION THREE (20 MARKS)**

- a. List and explain five ways in which computer viruses can be spread (10 marks)
- b. Describe major applications of ICT in business world today (10 marks)

**QUESTION FOUR (20 MARKS)**

- a. State and explain THREE types of computer network. (6 marks)
- b. State and explain FOUR characteristics of a computer. (8 marks)
- c. Draw a diagram to illustrate components of a computer system and explain functions of these components. (12 marks)

**QUESTION FIVE (20 MARKS)**

- a. Name any two output devices (2 marks)
  - b. Discuss classification of computers according to purpose (6 marks)
  - c. Discuss the basic features of the word screen in Microsoft word (12 marks)
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