



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

UNIVERSITY ORDINARY EXAMINATION

2020/2021 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN CRIMINOLOGY AND SECURITY STUDIES

SIT 050– INTRODUCTION TO COMPUTER APPLICATIONS

DURATION: 2 HOURS

Instructions to candidates:

1. Answer question One and Any Other Two questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

- a) Define the following terms and concepts as used in computing. (6marks)
 - (i) Computer
 - (ii) Process
 - (iii) Program
 - (iv) Gigo
 - (v) Software
 - (vi) Networking
- b) List any five peripherals in a computer. (5marks)
- c) Using suitable examples discuss the two classifications of software in a computer. (4marks)
- d) Differentiate between save and saves as (4marks)
- e) Highlight the key characteristics of a computer. (5marks)
- f) Explain the components found inside the system unit. (6marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

- a) Discuss five cybersecurity or computer security threats present today. (10marks)
- b) Explain any three types of memory found in a computer. (6marks)
- c) Highlight four rules that one should adhere to when creating power point presentations. (4marks)

QUESTION THREE (20 MARKS)

- a) Describe the procedure that one should follow to insert a table of contents in Microsoft word. (6marks)
- b) Explain any four types of bars found in Microsoft word. (8marks)
- c) Timothy has started a small consultancy business in Murang'a town he discovered that for him to be able to run the business operations efficiently, he requires a computer. As a computer expert advice John on the feature he should consider when buying a computer. (6marks)

QUESTION FOUR (20 MARKS)

- a) Using cell referencing, write a formula/ function that can be used to compute the total price of each commodity. (5marks)
- b) Write a function to compute the total cost of the party. (5marks)
- c) Explain the procedure that one would follow in renaming a sheet in Microsoft Excel.(2marks)
- d) Explain ways in which computers and computing technology can be used to enhance national security and criminal Justice system. (8marks)