



MURANG'A UNIVERSITY OF TECHNOLOGY
SCHOOL OF COMPUTING INFORMATION TECHNOLOGY
DEPARTMENT OF INFORMATION COMMUNICATION

UNIVERSITY ORDINARY EXAMINATION

2020/2021 ACADEMIC YEAR

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR DIPLOMA IN
INFORMATION TECHNOLOGY AND BUSINESS MANAGEMENT**

UNIT CODE: SIT 050

UNIT TITLE-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 term computer software. (2marks)
- b) Define the following terminologies: (6marks)
 - i. Internet and network
 - ii. Hard copy and soft copy
 - iii. Backspacing and delete
- c) With the aid of an example, describe the parts of an e-mail address. (6marks)
- d) List any FOUR examples of input devices of a modern computer. (4marks)
- e) Giving examples, differentiate between primary and secondary storage. (4marks)
- f) Highlight FOUR advantages of tailor made programs. (4marks)
- g) Distinguish between Auto-correct and Auto-save as used in Ms Word. (4marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

- a) You have been contracted by a start-up business to advise them on procurement of new computers. Elucidate FIVE features that you would consider when selecting the computers to buy. (10marks)
- b) George owns a business which has been in operation for 5years.Over the years the business has been using manual processing. As a computer expert, advice George on FIVE ways that computers can be important to his business. (10marks)

QUESTION THREE (20 MARKS)

- a) Describe the FIVE generations of computers in terms of technology used and give an example of computer developed in each generation. (10marks)
- b) Explain exhaustively the importance of computers in the following areas. (10marks)
 - i. Education
 - ii. Research
 - iii. Communication industry
 - iv. Law enforcement agencies
 - v. Domestic and entertainment

QUESTION FOUR (20 MARKS)

- a) Explain ways in which computers can be used to achieve the Big FOUR Agenda in Kenya. (10marks)
- b) Discuss FIVE key security principles that apply to computer and data security. (10marks)