



# TECHNICAL UNIVERSITY OF MOMBASA

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INSTITUTE OF COMPUTING AND INFORMATICS  
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION  
TECHNOLOGY

**UNIVERSITY EXAMINATION FOR:**  
INFORMATION COMMUNICATION TECHNOLOGY

**SERIES: ANS 2109**

**END OF SEMESTER EXAMINATION**

**SERIES: APRIL 2016**

**TIME: 2 HOURS**

**DATE:** Pick Date Select Month Pick Year

## Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt any **THREE** questions.

**Do not write on the question paper.**

## **QUESTION ONE (COMPULSORY)**

- a) Describe any **FIVE** input devices. (10 marks)
- b) Explain any **FOUR** components of system unit ( 8 marks)
- c) State any **TWO** output devices (2 marks)

## **Question two**

- a) Explain the **FIVE** functions of operating systems (10 marks)
- b) Explain the **FIVE** advantages a computer system (10 marks)

### Question three

- a) State any four programming languages (4 marks)
- b) Giving examples, explain any FOUR categories of storage devices (8 marks)
- c) Explain any FOUR end-user programs in the market (8 marks)

### Question four

- (a) Explain the term Network topology (2 marks)
- (b) Explain the following Network topology.

i). Bus

ii).Star

iii).Ring

iv) Mesh

(12 marks)

- c).Explain any four features of a spreadsheet package.

(8 marks)

### Question five

- a) Describe how you would carry out the following word processor operations:
  - I. Opening an existing document (2 marks)
  - II. Creating a new document (2 marks)
- b) Explain the following terms as used in word processing:
  - I. Mail merge
  - II. Macro
- c) Explain any FIVE formatting features in word processing (10 marks)
- d) Define the term computer (2 marks)