



TECHNICAL UNIVERSITY OF MOMBASA

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)