



# TECHNICAL UNIVERSITY OF MOMBASA

## INSTITUTE OF COMPUTING AND INFORMATICS

### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

#### UNIVERSITY EXAMINATION FOR:

#### DIPLOMA IN ICT

#### EIT 2206: RESEARCH METHODS

#### END OF SEMESTER EXAMINATION

**SERIES:** Select series 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 Choose No questions. Attempt any THREE questions.

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

#### Question ONE

- a) Define the following terms
  - i) Sample
  - ii) Population
  - iii) Sampling frame (6marks)
- b) Explain the different types of research (14marks)

#### Question TWO

- a) Explain the different ways of identifying a problem for research (6marks)
- b) Explain the contents of a research proposal (14marks)

#### Question THREE

- a) Define the term "literature review" (2marks)
- b) Explain the sources of literature for review in research (14marks)
- c) State any four advantages of literature review (4marks)

#### **Question FOUR**

- a) Explain the different methods for data collection and analysis in research (12marks)
- b) State any two advantages of each of the methods

#### **Question FIVE**

- a) Explain the different ways of presenting results from research (15marks)
- b) State the contents of a dissertation (5marks)