



# TECHNICAL UNIVERSITY OF MOMBASA

## FACULTY OF ENGINEERING AND TECHNOLOGY

Select department

### UNIVERSITY EXAMINATION FOR: BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

BIT 2222: ICT and Society

END OF SEMESTER EXAMINATION

**SERIES:**Select series2016

**TIME:**2HOURS

**DATE:**Pick DateMay2016

#### Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attemptquestion ONE (Compulsory) and any other TWO questions.

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

#### Question ONE

a) Explain the following terms:

- i) Society
- ii) Security
- iii) Luddites
- iv) Computer Error
- v) Firewall

(10 marks)

b) State any four advantages and three disadvantages of Telecommuting

(14 marks)

c) State the two important principles of Optimum population theory

(6 marks)

## **Question TWO**

Discuss the four stages of the demographic theory, the characteristics of the population trends, level of technology and population growth in each phase (20 marks)

## **Question THREE**

Demography is “the study of the size, territorial distribution, and composition of population, changes therein, and the components of such changes. Discuss any four theories demography. (20 marks)

## **Question FOUR**

- a) State any six advantages and four disadvantages of Information Communication Technology in society. (10 marks)
- b) State any five surveillance technologies used to monitor workers. (10 marks)

## **Question FIVE**

- a) Give any Five forms of speech found in cyberspace that are considered to be offensive. (10 marks)
- d) State any five reasons why a published material is considered to be obscene (10 marks)