



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: (10 Marks)
- i. Telecommuting
 - ii. Privacy
 - iii. Information Security
 - iv. Computer Crime
 - v. Computer Viruses
- b) State any five advantages and three disadvantages of Information Communication Technology in society. (8 Marks)
- c) Describe the 3 main components of ICT (6 marks)
- d) State the two important principles of Optimum population (6 marks)

Question TWO

- a) Discuss the four phases of the demographic theory and the characteristics of the population trends in each phase (12 marks)
- c) Describe any five economics impacts on the use of ICT in education (8 marks)

Question THREE

- a) Demography is “the study of the size, territorial distribution, and composition of population, changes therein, and the components of such changes. Describe any three theories demography. (9 marks)
- b) Explain any four disadvantages of telecommuting (8 Marks)
- c) Give any three reasons why electronic monitoring of workers is necessary (3 Marks)

Question FOUR

- a) The most devastating effect of employee surveillance is fear of losing their jobs. Discuss any six problems caused by electronic monitoring of workers. (12 Marks)
- b) State any four surveillance technologies used to monitor workers. (8 Marks)

Question FIVE

- a) Explain any Five forms of speech found in cyberspace that are considered to be offensive. (5 Marks)
- b) Evaluate the role ICTs in regard to:
- (i) Luddites
 - (ii) Society
 - (iii) Internet culture (9 Marks)
- c) State any three reasons why a published material is considered to be obscene (6 Marks)