



# THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

*Faculty of Engineering and Technology*

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR  
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSc. I.T. 9S)

EIT 2222: ICT & SOCIETY

END OF SEMESTER II EXAMINATION

SERIES: DECEMBER 2011

TIME: 2 HOURS

## **Instructions to Candidates:**

You should have the following for this examination

- Answer Booklet

This paper consist of **FIVE** questions in **TWO** sections **A & B**

Answer question **ONE (COMPULSORY)** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

---

## **SECTION A (Compulsory)**

### **Question 1 (30 marks)**

- a) Define an Information Society (3 marks)
- b) Explain the term Network Society (3 marks)
- c) Outline what drives information and Network society (2 marks)
- d) Outline the post-industrial society concept. (3 marks)
- e) Explain the term Demography, and state the sources of data for Demography. (4 marks)
- f) Access to information and knowledge via ICT has a very important role in trade, outline any **FOUR** roles: (4 marks)
- g) Despite the benefits of ICT, the development and adoption of ICT by developing countries have so far been limited, state the reasons for this: (4 marks)
- h) Explain how ICT supports GLOBALISATION (3 marks)
- i) In your opinion could Computers Replace Teachers? Briefly discuss. (4 marks)

## **SECTION B (Attempt any TWO questions)**

### **Question 2 (20 marks)**

- a) Explain **Webster's FIVE Types of Theories** in understanding Information Society. (10 marks)
- b) Describe the characteristics of Networks (10 marks)

**Question 3 (20 marks)**

- a) Describe the advantages of Information Communication Technology. (10 marks)
- b) Discuss ways in which ICT is an important tool for facilitating trade transactions. (10 marks)

**Question 4 (20 marks)**

- a) Explain the term Knowledge management
- b) Discuss the statement that there are 'Signs Knowledge management is becoming mainstream' (20 marks)

**Question 5 (20 marks)**

Information and Communication Technology has become a vital player in the national development of modern society. Methods of gathering, processing and dissemination of information have dramatically changed in the modern era with the advent of ICT.

- a) Discuss how ICT has an impact on the
- (i) Social
  - (ii) Cultural
  - (iii) Economic
  - (iv) Administrative
  - (v) Aspects of society
- b) How ICT has contributed to increase productivity of goods and services relevant to:
- (i) Health
  - (ii) Education
  - (iii) Agriculture
  - (iv) Industries (20 marks)