



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

**DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY
(DICT 2K 10J)**

EIT 2311: MANAGEMENT INFORMATION SYSTEMS II

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2012

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 One (30 marks)

- a) Define the following terms: (13 marks)
- (i) Prototyping
 - (ii) Knowledge management
 - (iii) System testing
 - (iv) Information
 - (v) Knowledge
 - (vi) Maintenance
- b) Differentiate between SDLC and prototype (8 marks)
- c) List and explain the **THREE** types of maintenance (9 marks)

SECTION B (Answer Any Two Questions)

Question Two (20 marks)

- a) List and explain **FOUR** software projects. (8 marks)
- b) Explain the functions of enterprise knowledge networks. (5 marks)
- c) Explain the Information Systems Implementation Strategies. (7 marks)

Question Three (20 marks)

- a) Explain **FIVE** goals of information security (10 marks)
- b) List and explain qualities of IS projects (10 marks)

Question Four (20 marks)

- a) Enumerate the problems associated with software projects. (10 marks)
- b) Explain the Systems Development Life Cycle (SDLC) (10 marks)

Question Five (20 marks)

- a) Differentiate between IS plan and Business Plan. (8 marks)
- b) List the various threats to computerized information systems. (6 marks)
- c) List important factors in IS Tactical Planning. (6 marks)