TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA INFORMATION TECHNOLOGY (DICT 13M)

EIT 2204: MANAGEMENT INFORMATION SYSTEMS

END OF SEMESTER EXAMINATION
SERIES: DECEMBER 2014
TIME: 2 HOURS

<u>**Instructions to Candidates:**</u>
You should have the following for this examination
- *Answer Booklet*
This paper consists of **FIVE** questions.
Attempt 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

Question One (Compulsory)

a) Define the following terms: **(6 marks)**
    (i) Data
    (ii) Information
    (iii) Data Processing

b) Explain the Data Processing System cycle **(10 marks)**

c) Describe the needs for data processing. **(4 marks)**

Question Two

Explain the Models that illustrate strategic opportunities for a business. **(20 marks)**

Question Three

a) List characteristics of the following systems. **(10 marks)**
    (i) ESS
    (ii) MIS
    (iii) DSS
    (iv) TPS

b) Describe how Information Technology is being used to transform organization activities.
(10 marks)

Question Four

a) Explain strategic management. **(2 marks)**

b) Explain the role played by IT in (a) above **(10 marks)**

c) Explain the characteristics of good information system. **(8 marks)**

Question Five

a) Explain the steps involved in system development. **(10 marks)**

b) Assuming that you are working as a procurement officer at Kenya Airports Authority, briefly describe the essential procedure that you will take when buying a computer for a new employee in your department. **(10 marks)**