MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2012/2013

SECOND YEAR FIRST SEMESTER EXAMINATIONS FOR THE DIPLOMA IN BUSINESS ADMINISTRATION (CITY CAMPUS)

ADB 0103: MANAGEMENT INFORMATION SYSTEMS

Date: 22ⁿᵈ July, 2013   Time: 9.00 – 11.00 a.m.

INSTRUCTIONS:

◆ Answer Question ONE and any other TWO questions.
◆ Question one carries 30 marks, the rest 20 marks each.

Question 1

a) Outline and discuss five benefits of MIS to an organization. (10 marks)

b) Using a diagram, illustrate a data processing cycle. (10 marks)

c) Identify any and explain five elements of data communication.

(10 marks)

Question 2

a) Differentiate between application software and operating system giving two examples for each category. (6 marks)

b) Describe four functions of an operating system. (8marks)

c) Distinguish between input devices and output devices giving examples.

(6 marks)

Question 3

a) Describe four functions of information. (12 marks)

b) Outline four factors to consider in choosing the method of data communication. (8 marks)

Question 4

Describe any ten characteristics of good information. (20 marks)

Question 5

a) With an aid of a diagram, illustrate the levels of management. (10 marks)

b) Describe the desirable characteristics of information required at each of the levels of management. (10 marks)

Question 6

a) Explain five breaches to information privacy. (10 marks)

b) Define the term 'system'. (2 marks)

c) Differentiate the following types of systems:

   i.   Deterministic and probabilistic. (4 marks)

   ii. Open and closed. (4 marks)