



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DIPLOMA IN BUSINESS ADMINISTRATION**

HOMA-BAY CAMPUS

ADB 0103: MANAGEMENT INFORMATION SYSTEMS

Date: 27th November, 2016

Time: 2.00 – 5.00 pm

INSTRUCTIONS:

- Answer question ONE and any other TWO questions.

QUESTION ONE (25 MARKS)

- (a) (i) Define the term business information system (5mks)
(ii) Discuss briefly what is involved in data processing (6mks)
- (b) State and explain the two types of computer memory (6mks)
- (c) State and briefly explain the roles of Management Information System (MIS) (8mks)

QUESTION TWO (15 MARKS)

- (a) What is computer software? (3mks)
- (b) Clearly describe the following types of computer software:-
- (i) System software (4mks)
- (ii) Application software (4mks)
- (iii.) Programming language (4mks)

QUESTION THREE (15 MARKS)

- a) What is a system? (1mks)
- (b) Clearly outline the essential feature of a system (10mks)
- (c) Using relevant example where necessary, describe the following types of systems:-
- (i) Closed system (2mks)
- (ii) Open system (2mks)

QUESTION FOUR (15 MARKS)

- (a) Describe the following types of network:-
- (i) LAN (3mks)

- (ii) WAN (3mks)
- (iii.) MAN (3mks)
- (b) Explain the various threats to computer security that has potential to cause loss or harm (6mks)

QUESTION FIVE (15 MARKS)

- (a) Describe what happens at each of the stages of computer listed below:-
- (i) Input (2mks)
- (ii) Processing (2mks)
- (iii.) Output (2mks)
- (b) What is meant by the term data (2mks)
- (c) Give example of two different types of data (2mks)
- (d) What is information ? Give one example (2mks)
- (e) Discuss the reasons why some information fails (3mks)

QUESTION SIX (15 MARKS)

- a) Identify and explain four internet application areas (4mks)
- b) Write short notes on the following internet related terminologies
- i) Intranet (3mks)
- ii) Extranet (3mks)
- iii) Firewall (3mks)
- c) Define the term E- Commerce (2mks)