



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS
ADMINISTRATION WITH IT**

4TH YEAR 2ND SEMESTER 2016/2017 ACADEMIC YEAR

KISUMU LEARNING CENTRE

COURSE CODE: MBA 801

COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS EXAMINATION

EXAM VENUE:

STREAM: (MBA)

DATE:

EXAM SESSION:

TIME: 3.00 HOURS

INSTRUCTIONS:

- 1. Answer ANY THREE questions**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

QUESTION ONE 20 MARKS

- a) Briefly differentiate between an information system and a Management Information System(MIS) (4marks)
- b) Identify and explain 3 characteristics of Management Information System(MIS). (6marks)
- c) An Management Information System(MIS) should be have the following features; relevance, completeness, give and explain some other 3 features (6marks)
- d) List any two benefits of Management Information System(MIS) (4marks)

QUESTION TWO 20 MARKS

- a) Describe the path data take to turn into wisdom in and organization setup (6marks)
- b) List and explain the four types of information system conversion/implementation strategies in the development of an information system implementation stage. (8marks)
- c) Identify any three factors that might influence a firm's to consider outsourcing their information systems services (6marks)

QUESTION THREE 20 MARKS

- a) List and explain 5 different types of systems (10marks)
- b) List and explain the five components of an information systems (10marks)

Question Four 20 MARKS

- a) Define Artificial Intelligence (4marks)
- b) Describe three components of decision support systems (6marks)
- c) Describe four components of an expert systems (8marks)

Question Five 20 MARKS

- a) In systems development, collection of systems requirements is a critical step in systems analysis, identify any three approaches used to collect these information from the users/stakeholders. (6marks)
- b) With the aid of a diagram describe the model of Human Information Processing system (8marks)
- c) Name and describe the stages of development of an information system

(6 Marks)

Question Seven

d) What is decision support systems (3marks)

e) List and explain any three types of decision support systems (8marks)

Question Eight

a) Highlight 3 scenarios when organizations should consider using an expert systems (9marks)

b) Explain any three characteristics of Executive Support Systems (7marks)