



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF B.A
SPARTIAL PLANNING**

3RD YEAR 1ST SEMESTER 2018/19 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE: SCS 3314

COURSE TITLE: MANAGEMENT INFORMATION SYSTEM

EXAM VENUE:

STREAM: BSc SPARTIAL

DATE: December 2018

EXAM SESSION:

TIME: 2.00 HOURS

INSTRUCTIONS:

- 1. Answer Question 1 (Compulsory) and ANY other two 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 (30 MARKS)

The CEO of XYZ Organization used to go to Hospital for treatment not less than six times a year but from the time the organization automated the systems including MIS he has never been to Hospital.

- a) Briefly explain the advantage of systems automation in the organization (2 MARKS)
- b) Briefly explain why CEO Rarely became sick when using MIS (2 MARKS)
- c) Define what you understand by the word system (5 MARKS)
- d) All systems have three major components. List and state the function of each component in a system set up. (12 MARKS)
- e) An information system (IS) is a tool for managers. Define IS in a more pragmatic (practical) approach in an Organization (4 MARKS)
- f) Define a computerized accounting system; (5 MARKS)

QUESTION TWO 20MARKS

You have been asked to carry out induction for a new member of staff in MIS Department.

- a) List **five** elements of Management Information Systems (5 Marks)
- b) Briefly explain the role of each element in MIS system (15 Marks)

QUESTION THREE 20MARKS

Management Information Systems provide managers with quality information and **FORM DIMENSION** that describes how the information is presented to the recipient.

Form Dimension include **clarity** and **Detail**

- a) Name the other three form dimensions (3 Marks)
- b) Briefly explain how each of the five Form Dimensions contribute to quality information (15 Marks)
- c) List **two** functions MIS must perform in order to meet its objectives (2 Marks)

QUESTION FOUR 20MARKS

Four General Kinds of Information System (IS) can be illustrated in a pyramid diagram.

- a) List the systems indicating the level of use, user and the type of system used at that level (18 Marks)
- b) Briefly state the relationship between Transaction Processing System and DSS and MIS (2 Marks)

QUESTION FIVE 20MARKS

Porter's five forces model is an excellent model to use to analyze a particular environment of an industry. Required;

Illustrate five forces by use of a diagram and explain how the five key factors would influence industry performance. **(20 MARKS)**