



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

PART TIME -KISUMU LEARNING CENTRE

COURSE CODE: SCS214

COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS

YEAR 2: SEMESTER 2

2 HOURS

Instructions

- 1. This paper Contain five questions**
- 2. Question one is compulsory and any other two questions**
- 3. Answer the questions on the booklet provided**
- 4. Mobile phones are not allowed in the exams room**

QUESTION ONE 30 Marks

In Organizations business goals can be achieved by acquiring new systems or using existing systems.

Define the following software terms;

- a) Software reengineering (4 Marks)
- b) Reverse engineering (4Marks)
- c) Accounting *is* an information system. What does it do? (6 Marks)
- d) What is an Interpreter program? (2 Marks)
- e) Distinguish between Information systems literacy and Computer literacy (6 Marks)
- f) Training users on the new system is very important after users' acceptance; explain what needs to be covered in training. (8 Marks)

QUESTION TWO 20 Marks

The Traditional System Lifecycle is a methodology for developing an information system that partitions the system development process into formal stages.

Required,

- a) List four stages (1 Mark Each)
- b) Explain activities in each of the stages listed in 1(a) above (4 Marks Each)

QUESTION THREE 20 Marks

Explain Characteristics of MIS with reference to elements of a useable MIS system based on the following ; (4 Marks Each)

- a) Timeliness:
- b) Accuracy:
- c) Consistency:
- d) Completeness:
- e) Relevance

QUESTION FOUR 20 Marks

There are four general Kinds of information systems common to business Organizations.

- a) List the four systems by level of use (4 Marks)
- b) Name the four groups served at each level (4 Marks)
- c) Name the type of system used at each level and the function (8 Marks)
- d) Support your answer with a labeled pyramid diagram (4 Marks)

QUESTION FIVE 20 Marks

There are several accounting software that organizations can use ranging from customized, tailored and ready to use.

- a) Explain what you understand by tailored accounting software (6 Marks)
- b) Explain what you understand by customized accounting software (6 Marks)
- c) How does ready to use software differ from customized and tailored software (5 Marks)
- d) Briefly explain the role of Digital Economy based on the following; (1 Marks Each)
 - i. E-Business
 - ii. Collaboration
 - iii. Information Exchange