



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

UNIVERSITY EXAMINATION 2013

**FIRSTYEAR FIRST SEMESTER EXAMINATION 2013 FOR
DIPLOMA IN LINUX ENGINEERING**

KISUMU LEARNING CENTRE

COURSE CODE: ICT 2111

COURSE TITLE: INTRODUCTION TO COMPUTER APPLICATION

DATE: 15/4/2013

TIME: 9.00-10.30AM

DURATION: 1.5 HOURS

INSTRUCTIONS

- 1. This paper contains FIVE questions.**
- 2. Answer question 1(compulsory) and ANY other TWO questions**
- 3. Write all your answers in the booklet provided**

QUESTION ONE (COMPULSORY)

Use of computers has become a necessity in many fields. Computers have revolutionized the way businesses are conducted. This is due to the advantages that computer systems offer over manual systems. EXPLAIN. (10 MKS)

Computers have been evolving over time, briefly discuss the chronological evolution of computers and computing in general. (10 MKS)

What is the Impact of computers on society? (10 MKS)

SELECTIVE QUESTIONS

QUESTION TWO

Using a diagram, describe the functional units of a computer system. (12 MKS)

Define the following terms as used in computing. (8 MKS)

Byte code

Software

Language translators

Cache

QUESTION THREE

Briefly describe the functions of an operating system (10 mks)

What is general purpose software, give an example. (2 MKS)

Define the following terms as used in ICT. (8 MKS)

Programming Language

ICT

Internet

Web portals

Browser

QUESTION FOUR

Discuss the application areas of a spreadsheet. (5 MKS.)

Describe the features of a word processor. (5 MKS).

Define the following terms as used in computing. (10 MKS).

WWW

Intranet

Extranet

Data

HTTP