JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

UNIVERSITY EXAMINATION FOR DIPLOMA IN LINUX ENGINEERING FOR IT PROFESSIONALS

1ST YEAR 1ST SEMESTER 2017/2018 ACADEMIC YEAR

KISUMU CAMPUS

COURSE CODE: ICT 2111

COURSE TITLE: INTRODUCTION TO COMPUTER APPLICATIONS

EXAM VENUE:

STREAM: LINUX ENGINEERING

DATE: **EXAM SESSION:**

TIME:

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 [30MKS]

a. Explain the following terms as applied in computer systems: [10mks]
     i.   Computer
     ii. Computer network
     iii. Software
     iv. Data
     v.   Computer Hardware

b. A computer as a collection of machines may be defined by the composition of its parts. Using a diagram, describe the components of computer organization.   [10mks]

c. Outline how you would perform the following   [6mks]
   i.   Italicize typed text.
   ii. Centre align your text.
   iii. Saving your word document for the first time.

d. Explain the difference between application software and System software.   [4mks]

QUESTION TWO [20MKS]

a. Define technology overload.   [2mks]

 b. Explain how people can cope with technology overload   [4mks]

   c. Generating information from a computer requires the five elements. List and briefly describe the five elements of information system   [10mks]

   d. Describe the steps in creating and renaming of a new folder   [6mks]

QUESTION THREE [20MKS]

a. Explain FOUR benefits from the use of internet.   [8mks]
b. Explain FOUR problems on the internet.   [8mks]
c. Define the following terms.
     i.   Intranets
     ii. Extranets   [4mks]

QUESTION FOUR [20MKS]

Discuss how society uses computers in:

  i. Health care
  ii. Education
  iii. Business
  iv. Government
  v. Military
  vi. manufacturing

QUESTION FIVE   [20MKS]

  a. Describe the sequence of steps taken to start up your computer..   **[10mks]**

  b. Discuss the advantages and disadvantages that users experience when working with computers   **[10mks]**