JARAMOGI OGINGA ODINGA UNIVERSITY

OF SCIENCE & TECHNOLOGY

UNIVERSITY EXAMINATIONS 2012/2013

1ST YEAR 1ST SEMESTER EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT

(MAIN)

COURSE CODE: SCS 2111

COURSE TITLE: INTRODUCTIO N TO COMPUTER APPLICATIONS

DATE: 22/8/2013   **TIME: 11.30-1.00PM**

DURATION: 1.30 HOURS

INSTRUCTIONS

1. This paper consists of 5 Questions.
2.   Answer Question 1 (Compulsory) and any other 2 questions.
3. Write your answers on the answer booklet provided.

QUESTION 1

a) Define the following terms as used in computing. (6 MKS)

Machine Language

Source code

Read only memory

b) Briefly discuss the concepts giving an example in each. (8 MKS)

Computer network

Operating system

Scanner

System Unit

c) Differentiate between Information and Data. (4 MKS)

What is an input device? (2 MKS)

What is a storage media? (2 MKS)

What is the Internet? (2 MKS)

What are the reasons to network? (2 MKS)

What is a Graphical User Interface? (2 MKS)

What is System Software? (2 MKS)

QUESTION 2

What makes a computer powerful? (10 MKS)

Why do users access the Internet? (10 MKS)

QUESTION 3

What are the categories of computers? (10 MKS)

How are computers used in the society? (10 mks)

QUESTION 4

What are the security issues in computing? (15 mks)

What are the functions of an Operating system? (5 MKS)

QUESTION 5

Discuss the components of the CPU. (10 MKS)

How are computers used in Healthcare? (10 MKS)