JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATIONS 2012/2013

1ST YEAR 2ND SEMESTER EXAMINATIONS FOR DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT

(MAIN)

COURSE CODE: SCS 2124

COURSE TITLE: INFORMATION TECHNOLOGY AND SOCIETY

DATE: 1/5/2013   **TIME: 9.00-11.00AM**

DURATION: 1.5 HOURS

INSTRUCTIONS

1. This paper contains TWO sections.

2. Answer ALL questions in section A (Compulsory) and ANY other Two questions in section B.

3. Write all answers in the booklet provided

SECTION A: ANSWER ALL QUESTIONS

Question One

a) State the characteristics of good information.   **6 Marks**
b) Explain the types of computers.   **10 Marks**
c) Using relevant diagrams, describe the different types of networks Topologies.
                                                           14 Marks

SECTION B: ANSWER ANY TWO QUESTIONS

Question Two

Explain the importance of internet on to organizations and individuals.   **20 Marks**

Question Three

a) Discuss the problems that information technology has caused to organizations and at individual levels.   **14 Marks**
b) State the types of technologies that have developed.   **06 Marks**

Question Four

a) Explain the security problems that information technology has introduced in organizations and at individual level.   **10 Marks**
b) Discuss the measures that can be undertaken to safeguard the organizations against the risks and threats.   **10 Marks**

Question Five

a) State the various source of information to organizations and individuals.   **08 Marks**

b) Discuss the various uses of information.   **06 Marks**

c) Highlight the benefits of mobile systems to society.   **06 Marks**