



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

1ST YEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR

KISUMU LEARNING CENTRE

COURSE CODE: SCS 2124

COURSE TITLE: INFORMATION TECHNOLOGY AND SOCIETY

EXAM VENUE:

STREAM: COMMUNITY HEATH AND DEVELOPMENT

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 1 [30 marks]

- a. Define the following terms giving examples in each;
- ii. Software
 - iii. Hardware
 - iv. Operating system
 - v. System software
 - vi. Application software (10mks)
- b. Discuss five characteristics of Operating Systems (10mks)
- c. Computers can be mainly classified into four main categories. The classification is done based on the size and the data processing power. State and describe the four main categories of computers stating where they are applicable. (10mks)

Question 2 [20 marks]

Write short notes on

- i. Fourth Generation of Computers,
- ii. Limitations of computers

Question 3 [20 marks]

- a. Explain 5 impacts of IT Applications in healthcare in the modern society (10mks)
- b. (i) Define Multimedia
(ii) State and explain the five elements of multimedia (10mks)

Question 4 [20 marks]

ICT has had many impacts upon our lives both for the better and for the worse. Discuss impacts that ICT has had upon society in the following areas;

- i. Education;
- ii. Business;
- iii. E-Commerce;
- iv. Entertainment;

Question 5 [20mks]

With the advancement of ICT, it is easy for anyone to retrieve your information from the Internet.

- i. List and explain five examples of ethical computer code of conducts
- ii. List five Personal Computer security checklist