



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

**UNIVERSITY EXAMINATIONS 2012/2013**

**1<sup>ST</sup> YEAR 2<sup>ND</sup> SEMESTER EXAMINATIONS FOR DIPLOMA  
IN COMMUNITY HEALTH AND DEVELOPMENT**

**(KISUMU LEARNING CENTRE)**

**COURSE CODE: HDC 2125**

**COURSE TITLE: HUMAN ANATOMY AND PHYSIOLOGY**

**DATE: 19/4/2013**

**TIME: 11.00-12.30PM**

**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 1: answer all questions (3mks each)**

1. What is anatomical position
2. list the different types of planes that can be used to describe the body
3. Which movements are involved in circumduction?
4. Name the three parts of the brainstem
5. List 3 functions of bones
6. List 3 functions of the respiratory system
7. List the regions that make up the pharynx
8. Which arteries supply the upper limb?
9. List the two types of circulation
10. Name three layers of the heart wall

**Section B answer any TWO questions from this section (15 mrks each)**

1. Describe how bones are classified
2. What are the functions of the Skin?
3. Describe the cells of the nervous system and the functions of each cell
4. Describe the classification of white blood cells