



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

UNIVERSITY EXAMINATIONS 2012/2013

**1ST YEAR 1ST SEMESTER EXAMINATIONS FOR THE DEGREE
OF BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND
DEVELOPMENT & BACHELOR OF SCIENCE IN PUBLIC
HEALTH**

(KISUMU LEARNING CENTRE)

COURSE CODE: HCD 3111

COURSE TITLE: INTRODUCTION TO ANATOMY

DATE: 15/4/2013 TIME: 11.00-13.00PM

DURATION: 2 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. Define skeletal system
2. List how the skeletal system is classified
3. Name three bones of the axial skeleton
4. What are smooth muscles
5. What is the difference between cardiac and skeletal muscle
6. Name 3 functions of respiratory system
7. List the 3 layers of the heart
8. List all the chambers of the heart
9. Name the accessory organs of the gastrointestinal tract
10. List at least 3 ways of naming muscles

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

1. Describe the process of digestion
2. Describe the process of breathing
3. Describe the cells of the nervous system and the functions of each cell
4. Discuss the pulmonary and systemic circulation