



**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**

(MAIN)

COURSE CODE: HCD 3121

COURSE TITLE: MEDICAL PHYSIOLOGY

DATE: 22/4/2013

TIME: 9.00-11.00AM

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 anatomy of the stomach
2. Give a brief description of the bronchial tree
3. Describe the cells of the nervous system and the functions of each cell
4. Draw a well labeled diagram of the heart