



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 3121

COURSE TITLE: MEDICAL PHYSIOLOGY

DATE: 15/4/2013

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 (20 marks 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