

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

**UNIVERSITY EXAMINATIONS 2013/2014**

**SCHOOL OF HEALTH SCIENCES - KISII LEARNING CENTRE**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF  
BACHELOR OF SCIENCE IN PUBLIC HEALTH**

**COURSE TITLE: INTRODUCTION TO HUMAN ANATOMY**

**COURSE CODE: HCD 3111**

**TIME: 2HOURS**

**INSTRUCTIONS**

**This paper contains two sections. Answer ALL questions in section A and any TWO in section B.**

**SECTION A**

1. Briefly describe the levels of structural organization within the human body (5marks)
2. Give an account of the principle tissues of the body (5 marks)
3. Give an account of the classes of joints in the human body (3 marks)
4. a. Describe briefly the three groups of blood cells (3 marks)  
b. Describe the three types of blood vessels (3 marks)
5. Briefly describe the bones of the pelvic girdle (3 marks)
6. Give a brief account of the abdominal cavity of the human body (3 marks)
7. Briefly discuss the composition and functions of lymph in the body (5 marks)

**SECTION B**

- 1 a) Discuss the structure of the human skin (15 marks)  
b) Describe briefly five functions of the human skin. (5 marks)
- 2) Discuss the structure and bones of the axial skeleton of the human body  
(20 marks)
- 3) a) Discuss the muscular system of the human body (15 marks)  
b) Describe briefly ways in which muscles of the human body can be named  
(5 marks)
- 4) a) Discuss the general organization of the nervous system of man (15 marks)  
b) Describe briefly the functions of the nervous system (5 marks)