



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF HEALTH SCIENCES  
UNIVERSITY EXAMINATION FOR THE DIPLOMA IN  
COMMUNITY HEALTH AND DEVELOPMENT**

**1<sup>ST</sup> YEAR 2<sup>ND</sup> SEMESTER 2022/2023 ACADEMIC YEAR**

**MAIN**

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**COURSE CODE: HCD 2125**

**COURSE TITLE: INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY**

**EXAM VENUE: STREAM: (Dip. Comm.Hlth)**

**DATE:**

**EXAM SESSION:**

**TIME:**

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**Instructions:**

- 1. Answer all questions in section A and any other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

## SECTION A 30MARKS

### Answer all questions

1. Describe the structural organization of the human body (5 marks)
2. Describe the classification of bones and give examples of each type (4marks)
3. Describe briefly the adaptation of the heart to its functions (4 marks)
4. Which part of the brain is responsible for sexual arousal (2marks)
5. Name three hormones secreted by the anterior pituitary gland (3marks)
6. Describe briefly how the human brain is protected (2 marks)
7. How is respiratory controlled in the body (5 marks)
8. Give 5 functions of the skin (5 marks)

## SECTION B 30MKS

### Answer any TWO questions from this section

1. Discuss in detail the anatomy and physiology of the male reproductive organ (15 marks)
2. Discuss the anatomy and physiology of the thyroid gland (15marks)
3. Discuss the major types of joints (15marks)
4. Discuss in detail the anatomy and functions of the liver (15 marks)