



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

1ST YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR

NAIROBI

COURSE CODE: HCD 2125

COURSE TITLE: INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY

EXAM VENUE: STREAM

DATE:

EXAM SESSION:

TIME:

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. Define Human Anatomy (2marks)
2. Describe the classification of bones and each give examples of each type (4marks)
3. Which part of the brain is responsible for sexual arousal (2marks)
4. List two disorders of the endocrine system (2marks)
5. List three types of bone cells (3 marks)
6. Name three hormones secreted by the posterior pituitary gland (3marks)
7. How is respiratory controlled in the body (5 marks)
8. Give 5 functions of the skin (5 marks)
9. Name the latest discovered gland and hormone produced by it (2 marks)
10. Define cardiac output (2 marks)

SECTION B 40MKS

Answer any TWO questions from this section

1. Discuss in detail the functions of the kidney (20 marks)
2. Discuss the anatomy and physiology of the thyroid gland (20marks)
3. Discuss the major types of joints (20 marks)
4. Discuss in detail the anatomy and functions of the liver (20 marks)