



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

1ST YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR

MAIN/ KISUMU

COURSE CODE: HCD 1111

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: ANSWER ALL QUESTIONS (30 MARKS)

1. List 4 functions of the skin (4 marks)
2. Define homeostasis (2 marks)
3. Describe two types of anatomical study (2 marks)
4. List 8 major bones of the upper limb (4marks)
5. Describe the anatomy of the liver (4 marks)
6. List two disorders of the thyroid gland (2marks)
7. Describe briefly the steps of spermatogenesis (4 marks)
8. Give 4 functions of the liver (4 marks)
9. Describe briefly how the brain is protected (4 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (30 MARKS)

1. Discuss in detail the anatomy and physiology of the male reproductive organ (15 marks)
2. Discuss the phases of blood clotting (15 marks)
3. Discuss the structure and functions of the eye (15 marks)
4. Discuss in detail the anatomy and functions of the liver (15 marks)