



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

SPECIAL EXAMINATIONS NOV. 2020

COURSE CODE: HCD 1111

COURSE TITLE: An 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 homeostasis (2 marks)
2. List 4 functions of the skin (4 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 kidney (4 marks)
9. Describe briefly how the brain is protected (4 marks)

SECTION B 30MKS

Answer any TWO questions from this section

1. Discuss in detail the anatomy and physiology of the male reproductive organ (20 marks)
2. Discuss the phases of blood clotting (20 marks)
3. Discuss the structure and functions of the eye (20 marks)
4. Discuss in detail the anatomy and functions of the skin (20 marks)