



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

1ST YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR

MAIN/KISUMU

COURSE CODE: HDC 2124 / HDR 2122

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 TWO 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 how the brain is protected (4 marks)
2. List THREE cells of the skeleton system (3 marks)
3. Describe the anatomy of the pituitary gland (4 marks)
4. Describe the classification of bones and each give examples of each type (4marks)
5. Describe TWO disorders of the thyroid gland (3 marks)
6. Name the following cranial nerves: CN 1, CN VI, CN X (3 marks)
7. Describe the FIVE regions of the spinal cord (5marks)
8. Describe the adaptation of the heart to its functions (4 marks)

SECTION B 30MKS

Answer any TWO questions from this section

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