



**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 2018/2019 ACADEMIC YEAR

MAIN

COURSE CODE: HCD 2125

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 (2marks)
2. Describe briefly the human body cavities (5 marks)
3. Describe the classification of bones and each give examples of each type (4marks)
4. Describe the anatomy of the liver (2 marks)
5. List two disorders of the endocrine system (2marks)
6. Describe the composition of semen (3 marks)
7. Describe the 5 regions of the spinal cord (5marks)
8. Give 4 functions of the skin (4 marks)
9. List two endocrine hormones of the pancreas gland (2 marks)
10. Define cardiac index (1 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 blood grouping system (15marks)
3. Discuss the factors affecting gastric emptying (15 marks)
4. Discuss in detail the anatomy and functions of the liver (15 marks)