



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

**1<sup>ST</sup> YEAR 2<sup>ND</sup> SEMESTER 2018/2019 ACADEMIC YEAR**

**KISUMU CAMPUS**

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**COURSE CODE: HCD 2125**

**COURSE TITLE: AN INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY**

**EXAM SESSION: 9.00 – 10.30AM**

**DATE: 14.08.19**

**TIME: 1.30 HOURS**

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**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. Discuss briefly the risk factors of stroke (4 marks)
2. Write short notes on the level of human body organization (5 marks)
3. List the neurohypophyses hormones (2 marks)
4. Describe briefly how the human brain is protected (2 marks)
5. Describe the anatomy and functions of the thyroid gland (4 marks)
6. Describe briefly the functions of the skin (5 marks)
7. Discuss briefly the homeostasis of glycemia (4 marks)
8. Name the following cranial nerves (1 mark each )  
CN IV  
CN IX  
CN III  
CN XII

## SECTION B 30MKS

Answer any TWO questions from this section

1. Discuss the anatomy and physiology of the male reproductive organ (15 marks)
2. Discuss the anatomy and functions of the eye (15 marks)
3. Discuss the anatomy and physiology of the human kidney (15 marks)
4. Discuss the stages of bone development and major types of joints (5marks)