



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
IN PUBLIC HEALTH/ COMMUNITY HEALTH AND DEVELOPMENT**

1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

KISUMU CAMPUS

COURSE CODE: HCD 3111

COURSE TITLE: INTRODUCTION TO HUMAN ANATOMY

DATE: 12/08/2019

EXAM SESSION: 9.00 – 11.00 AM

TIME: 2 HOURS

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. Describe briefly the major muscles of the human body. (4 marks)
2. List the corticosteroids hormones. (4 marks)
3. Differentiate between the cartilage, ligaments and tendons. (3 marks)
4. Discuss briefly the factors affecting the gastric emptying. (4 marks)
5. List the neuralgia cells of the central nervous system. (4 marks)
6. Illustrate the difference between osteoclaste and osteoblasts cells. (2 marks)
7. Write short notes on the anatomy of the thymus gland. (3 marks)
8. Describe the kidney under the following headings (2 marks each)
 - a) Lymphatic drainage
 - b) Blood supply
 - c) Nerve supply

SECTION B 40MARKS

Answer any TWO questions from this section

1. Discuss the anatomy of the liver (20 marks)
- 2 Discuss the anatomy of the pituitary gland (20 marks)
3. Discuss the anatomy of the gastrointestinal tract system (20 marks)
4. Discuss in detail the human surface anatomy (20 marks)