



**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

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. Describe the muscle types based on their nervous control, appearance and location
(6 marks)
2. Differentiate between the cartilage, ligaments and tendons **(3 marks)**
3. Describe the phases of gastric juice secretion. **(3 marks)**
4. Describe briefly the 3 layers of meninges **(3 marks)**
5. List 2 organs found in each of these abdominopelvic regions **(5 marks)**
 - a. Right hypochondriac region
 - b. Right lumbar region
 - c. Left Hypochondriac region
 - d. Hypogastric region
 - e. Right iliac region
6. Write short notes on the anatomy of the adrenal gland. **(5 marks)**
7. Elaborate steps in bone development **(4 marks)**
8. List two disorders of the skin **(1 marks)**

SECTION B 40MARKS

Answer any TWO questions from this section

1. Describe the pituitary gland under the following heading: definition, location, subdivisions and hormones **(20 marks)**
2. Discuss the anatomy of the nervous system **(20 marks)**
3. Describe the stomach under the following headings: **(20mks)**
 - i) Parts,
 - ii) relations,
 - iii) blood supply
 - iv) lymphatic drainage
 - v) sensory nerves
4. a) Describe the position, structure, blood supply, secretions, of the liver **(10marks)**
b) Describe how to make 9 abdominopelvic regions, name them and their Organs **(10marks)**