



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE
COMMUNITY HEALTH AND DEVELOPMENT
IST YEAR IST SEMESTER SEPT-DEC 2018 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: HCD 3111

COURSE TITLE: HUMAN ANATOMY.

EXAM VENUE: KISUMU CAMPUS

DATE:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A each contain 5 marks and ANY other two questions in Section B each contain 20 marks**
- 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"

QUESTION ONE

- (a). Describe five important functions of the skeleton. 5 marks
- (b). Briefly explain the following.
- i. What structure divides the thoracic cavity into right and left parts. 2 marks
 - ii List and describe the three planes of the body. 3 marks.
- (c). Explain the five main functions of the cell. 5 marks
- (d). What are the five roles that protein play as a part of the plasma membrane? 5 marks.
- (e) Explain the five major causes of bell's palsy. 5 marks.
- (f) Name, describe and identify the skull bones 5 marks.

SECTION B

QUESTION TWO

a) Discuss three types of muscle tissue by describing their general structures, locations in the body and their functions (20marks)

QUESTION THREE

- a) Explain the major factors affecting skin color. 5 marks.
- b) Describe how changes in the skin color may be used as a clinical sign of certain diseases 5 marks
- c) Discuss the importance of the skin in temperature regulation. 10 mark

QUESTION FOUR

- a) Hemiplegia is one of the commonest conditions, describe the clinical presentation in terms of nerves supply 10 marks.
- b) Explain steps involved in blood clotting 10 marks.