



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE
COMMUNITY HEALTH AND DEVELOPMENT
1st YEAR 2nd SEMESTER SEP-DEC 2016 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: HCD 3111

COURSE TITLE: HUMAN ANATOMY.

EXAM VENUE:

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"

1. Define anatomy ,physiology ,pathology and therapeutics (3 marks)
2. Explain Homeostasis 2 marks.
3. Explain four Structure that divides the thoracic cavity into right and left parts. 4marks
5. Explain the five main functions of the cell. 5 marks
6. What are the five roles that protein play as a part of the plasma membrane?. 5 marks.

7. Explain the major five causes of bells palsy (5 marks).
- 8 List the five general characteristics a of skeletal muscle tissue. 5 marks.

SECTION B

1. Discus three types of muscle tissue by describing their general structures, locations in the body and their functions (20marks)
2. a) Explain the major factors affecting skin color. 5 marks.
b) Discus the importance of the skin in temperature regulation. 10 marks.
c) List the structural and functional characteristics of mucous, serous and synovial membranes (5marks).
3. a) Describe the primary function of the blood. 10 marks.
b) Explain steps involved in blood clotting 10 marks.