



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH
DEVELOPMENT

1ST YEAR 2ND SEMESTER 2018/2019 ACADEMIC YEAR

KISII CAMPUS- PART TIME

COURSE CODE: 2125

COURSE TITLE: INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY

EXAM VENUE:

DATE:

TIME: 1hr 30Mins

Instructions:

1. Answer all questions in Section A (Compulsory) 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; Answer all questions in this section (30 Marks)

1. Explain the different types of blood vessels (5 marks)
2. Elucidate functions of the lymph (5 marks)
3. Explain neurons and its types (5 marks)
4. Explain the differences between arteries and veins (5 marks)
5. Describe joints and how they are classified (5 marks)

6. Elucidate the bones of the thoracic cage in the human body (5 marks)

SECTION B; Answer any two Questions (30 Marks)

7a) Discuss the structure and functions of the skin (8 marks)

b) Explain physiological variables affecting breathing process (7 marks)

8 a) Discuss the types of receptors and explain their functions (8 marks)

b) Describe the central nervous system in detail (7 marks)

9a) Explain the approaches used in measuring blood volume, blood pressure and lung function

(8 marks)

b) Discuss the process of digestion in detail (7 marks)