



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH AND
DEVELOPMENT
1ST YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR
CENTRE: KISUMU

COURSE CODE: HDC 1111

COURSE TITLE: INTRODUCTION TO HUMAN PHYSIOLOGY

EXAM VENUE: LAB I

STREAM: Diploma in Comm. Health & Development

DATE: 2/12/2013

EXAM SESSION: 2.00 – 3.30 PM

TIME: 1 ½ 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

1. Name three types of blood vessels. (3 marks)
2. The urinary system consist of a paired organ. Name the organ. (3 marks)
3. Name the basic functions of the heart and the blood vessels. (3 marks)
4. Name the part of the gastrointestinal system where the digestion starts. (3 marks)
5. Name any one function of the stomach. (3 marks)
6. What is the name given to the inflammation of a joint? (3 marks)
7. Name the three parts of the brain. (3 marks)
8. Reduction in the amount of circulating haemoglobin to below normal is known as? (3 marks)
9. What is the name given to the chemicals secreted by the endocrine glands? (3 marks)
10. Which organ consitutes a barrier for the body frm biological and physical environment? . (3 marks)

SECTION B

- Q1. Draw the kidney and name the cortex medulla, pelvis and ureter. (20 marks)
- Q2. Draw a simple diagram of the respiratory system and name the pharynx, larynx, trachea and the . lungs. (20 marks)
- Q3. Draw a simple diagram of the digestive system and name the mouth, oesophogus, stomach and . small intestines. (20 marks)
- Q4. Draw a simple illustration of the components of the skin and name-epidermis, dermis, . subcutaneous layer and hair. (20 marks)