

 W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR**

**THE DEGREE OF BACHELOR OF SCIENCE IN PUBLIC HEALTH/ BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES**

**IPH 2103: HUMAN ANATOMY**

**DATE: AUGUST 2015 TIME: 2 HOURS**

**INSTRUCTIONS:**

This paper consists of **SECTION A** and **SECTION B**

Answer **ALL** questions in Section A and **ONE QUESTION** in Section B

**SECTION A**

1. Define the following terms in relation to Human Anatomy: [10 marks]
2. Integument
3. Serum
4. Gamete
5. Sagittal plane
6. Flexion
7. Describe in detail the a cellular compartment of Lunen blood. [10 marks]
8. Write short notes on : [20 marks]
9. Boundaries of the oral cavity
10. Salivary glands
11. The small intestines
12. Skin colour
13. Transport function of blood
14. List any FIVE of the following: [10 marks]
15. Lymphoid organs
16. Endocrine glands
17. Characteristics of epithalol tissue
18. Values associated with the heart

5. Describe in detail the hypothalomo hypophyseal axis [10 marks]

6. Regarding the nervous system:

 a) Explain the meaning of the term “Myelination”. [3 marks]

 b) Describe the structural and functional classification of

 nervous. [8 marks]

 c) Describe briefly the embryological formation of the

 human brain. [4 marks]

7. a) List THREE types of muscles. [3 marks]

 b) List TWO functions of cartilage. [2 marks]

**SECTION B: (20 MARKS) Answer any ONE Question**

1. Describe in detail the gross anatomy of the Human lungs,

together with the associated bronchial tree.

1. Describe in detail the process of animal Human Liver.