

KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

**1ST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE A IN ANIMAL
HEALTH/ANIMAL SCIENCE**

COURSE CODE: ANHE: 00101 ANATOMY & PHYSIOLOGY

STREAM: Y1S1:

DATE

INSTRUCTIONS

Do not write anything on this question paper

Answer ALL questions in Section A and any other TWO questions in Section B

SECTION A (40MKS)

Question one

- a) In mycology, muscles are classified/arranged into three (3) name them 3mks
- b) Define synovial joints 1mk
- c) Synovial joints are grouped into two (2) main groups , discuss them 6mks

Question two

The granulocytes components of the blood is divided into 4 , briefly discuss them 10mks

Question three

- a) Briefly discuss the three (3) forms of cartilage connective tissues in farm animals 9mks

Question four

- a) State four primary muscles found in an animal body 4mks
- b) Write short notes on stratified squamous epithelial tissues 6mks

SECTION B (30 MARKS)

Question five

Discuss in details classification of bones 15mks

Question six

- a) Briefly discuss at least five functions of bones in animal 10mks
- b) Ligaments are classified into five groups, state them 5mks

Question seven

Write short notes on the following joints and state their functions 15mks

- i) Metacarpal joint
- ii) The pastern joint
- iii) The coffin joint

Drafted by Jecton Otieno Aloo