



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE
CERTIFICATE ANIMAL HEALTH/ANIMAL SCIENCE
FIRST SEMESTER 2022/2023
(SEPTEMBER - DECEMBER, 2022)

ANHE: 00101 ANATOMY & PHYSIOLOGY

STREAM: Y1 S1

TIME: 2 HOURS

DAY: TUESDAY, 9:00 A.M – 11:00 A.M

DATE: 13/12/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.**
- 2. Answer ALL Questions in section A (Compulsory) and any other TWO Questions in section B.**

SECTION A (40MARKS)

QUESTION ONE

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

QUESTION TWO

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

QUESTION THREE

The granulocytes components of the blood is divided into 4 , briefly discuss them. (10marks)

QUESTION FOUR

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

QUESTION FIVE

Discuss in details classification of bones (15marks)

QUESTION SIX

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

QUESTION SEVEN

Write short notes on the following joints and state their functions (15marks)

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