

KISII UNIVERSITY
SPECIAL EXAMINATIONS
BACHELOR OF SCIENCE IN PUBLIC HEALTH
PHES 202: ANATOMY AND PHYSIOLOGY OF FOD ANIMALS

SECTION A: SHORT ANSWER QUESTIONS (SAQS) (30 MARKS)

INSTRUCTIONS:

- I) THERE ARE FOUR(4) QUESTIONS IN THIS SECTION**
- II) ANSWER ALL FOUR (4) QUESTIONS**

SAQ 1. Describe the components and main functions of the ruminant digest stomach **(8marks)**

SAQ 2. Name the major lymph nodes of a bovine head **(8 marks)**

SAQ 3. Distinguish between bovine and caprine kidneys **(6marks)**

SAQ 4. Define the following terms

- a. Gross anatomy **(4marks)**
- b. Comparative anatomy **(4marks)**

SECTION B: LONG ESSAY QUESTIONS (40 MARKS)

INSTRUCTIONS:

- I) THERE ARE THREE(3) QUESTIONS IN THIS SECTION**
- II) ANSWER TWO QUESTIONS ONLY**
- III) START EACH QUESTION ON A FRESH PIECE OF PAPER OF THE BOOKLET OR FRESH BOOKLET.**

LEQ 1. Discuss bovine liver under the following subheadings

- a) Gross anatomy
- b) Physiology **(20 marks)**

LEQ 2. Describe the components of avian digestive system **(20 marks)**

LEQ 3. Describe the components of avian respiratory system **(20 marks)**