



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2018/2019

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN ANIMAL HEALTH AND PRODUCTION

KAS 107: GROSS ANATOMY II

DATE: Tuesday, 2nd April 2019

TIME: 8.00 a.m. - 10.00 a.m.

INSTRUCTIONS:

Answer ALL questions in Section A and any TWO question in Section B. Within a Section ALL questions carry equal marks. Illustrate your answers with diagrams and give examples where appropriate.

SECTION A (40 MARKS)

1. Describe the components of the urinary system. (5 marks)
2. Compare and contrast the nervous and endocrine system. (5 marks)
3. Outline the structures of the lymphatic system. (5 marks)
4. Describe the types of muscles found in the animal body. (5 marks)
5. Describe the distribution of blood in the animal body. (5 marks)
6. Describe the anatomical structures of the bovine lung. (5 marks)
7. Describe the anatomical structures of the heart. (5 marks)
8. Describe the anatomical structures of the pituitary gland. (5 marks)

SECTION B (30 MARKS)

Answer any two questions.

9. Describe the anatomical structures of the bovine digestive system and highlight the anatomical differences between monogastrics and avian. (15 marks)
10. Describe the anatomical structures of the mammary glands and the modifications in various farm animals. (15 marks)
11. Describe the anatomical structure of the male reproductive system. (15 marks)