



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2020/2021 ACADEMIC YEAR

THIRD/SECOND YEAR 2ND SEMESTER SPECIAL/SUPPLEMENTARY EXAMINATIONS

**FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE
EDUCATION AND EXTENSION, BACHELOR OF EDUCATION
SCIENCE**

COURSE CODE: AAP 222/SAB 237
COURSE TITLE: PRINCIPLES OF ANIMAL HUSBANDRY &
PHYSIOLOGY

DATE: 17TH JANUARY 2022

TIME: 11 – 1 PM

INSTRUCTIONS TO CANDIDATES

Answer Question ONE and any other TWO Questions.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over

KIBU observes ZERO tolerance to examination cheating



QUESTION ONE

- a) Differentiate the following terms
 - i. Steaming up and flushing (4mks)
 - ii. Crutching and ringing (4mks)
 - iii. Homeostasis and hemeothermy (4mks)
 - b) State the reasons for introducing solid feeds to calves in the third week (8mks)
 - c) Enumerate six factors that indicate health status of the animal (6mks)
 - d) List 4 disease control measures in animals (4mks)
2. Discuss bee keeping (apiculture) under the following sections
- a) Importance of bee keeping (10mks)
 - b) Site selection criteria for an apiary (10mks)
3. Discuss how environmental temperature and nutrition can affect productivity of dairy cows (20mks)
4. Discuss three systems of poultry production in Kenya (20mks)
5. i. Demonstrate digestion physiology in poultry (10mks)
- ii. Discuss factors that lead to stress in poultry (10mks)