



*(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:** 17<sup>TH</sup> JANUARY 2022

**TIME:** 11 – 1 PM

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#### **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)