



(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2021 / 2022 ACADEMIC YEAR

THIRD YEAR 2ND SEMESTER
SPECIAL / SUPPLEMENTARY EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE
EDUCATION AND EXTENSION

COURSE CODE: AAP 222

**COURSE TITLE: PRINCIPLES OF ANIMAL HUSBANDRY AND
PHYSIOLOGY**

DATE: 24TH NOVEMBER 2022

TIME: 2 – 4 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) State four reasons why the calf should be introduced to solid feeds from third week of life (4mks)
 - b) List four causes of high mortality in calves (4mks)
 - c) Outline the importance of honey bees in Kenya (5mks)
 - d) List 4 breeds of dairy goats found in Kenya (4mks)
 - e) Explain briefly the concept of heat balance (3mks)
 - f) State the meaning of the following terms used in livestock production
 - i. Crutching (2mks)
 - ii. Ringing (2mks)
 - iii. Incubation (2mks)
 - iv. Brooding (2mks)
 - v. Flushing (2mks)
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2. Briefly discuss the importance of animal production to the Kenyan economy (20mks)
 3. Explain digestion physiology in poultry (20mks)
 4. Discuss briefly indirect and direct effect of climate on animal production (20mks)
 5. Discuss beef cattle under the following (20mks)
 - i) Traits for selection of a beef cattle breed
 - ii) Factors affecting stocking rate