



(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2021 / 2022 ACADEMIC YEAR

THIRD YEAR 2ND SEMESTER
MAIN EXAMINATION

FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE
EDUCATION AND EXTENSION

COURSE CODE: AAP 222
COURSE TITLE: PRINCIPLES OF ANIMAL HUSBANDRY AND
PHYSIOLOGY

DATE: 9TH SEPTEMBER 2022

TIME: 9 – 11 AM

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) List three breeds of beef cattle found in Kenya (3mks)
 - b) Outline three forms of heat transfer in animals (6mks)
 - c) State four factors that affect hatchability in chicken production (4mks)
 - d) List 7 main parts of a zero grazing unit (7mks)
 - e) Explain the meaning of steaming up as a management practice in sheep and goats (2mks)
 - f) Enumerate five characteristics of a good dairy cow (5mks)
- (a) List 3 products we get from honey bees (3mks)
2. Briefly discuss three systems of dairy cattle production in Kenya (20mks)
 3. Discuss adaptive mechanism to environmental stress in livestock under the following conditions
 - a) Cold environment (10mks)
 - b) Hot environment (10mks)
 4. Demonstrate physiology of egg formation in chicken (20mks)
 5. Briefly discuss constraints affecting growth and development of beef industry in Kenya
(20mks)