



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2020/2021 ACADEMIC YEAR

THIRD YEAR 2ND SEMESTER SPECIAL/SUPPLEMENTARY EXAMINATIONS

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

COURSE CODE: AAP 321/SAB 321

COURSE TITLE: RUMINANT AND NON RUMINANT
PRODUCTION

DATE: 20TH 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) List causes of high mortality in calves (4mks)
 - b) Enumerate factors that affect hatchability in chicken production (6mks)
 - c) Differentiate between
 - i) Topping and flushing (2mks)
 - ii) Hogget and ewe (2mks)
 - iii) Progesterone and prostaglandin (4mks)
 - iv) Silage and hay (4mks)
 - d) List four breeds of dairy cattle found in Kenya (4mks)
 - e) List 4 breeds of goats found Kenya (4mks)
2. Discuss anatomical and physiological adaptation of camel to Arid and Semi Arid Land (ASAL) climate (20mks)
3. Discuss factors that affect rate of conception in dairy cattle (20mks)
4. Discuss the importance of ruminant and non-ruminant livestock in Kenyan economy (20mks)
5. Discuss the processes of making good silage and bailed hay (20mks)