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*(Knowledge for Development)*

**KIBABII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**2020/2021 ACADEMIC YEAR**

**THIRD YEAR 2ND SEMESTER**  
**MAIN EXAMINATIONS**

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

**COURSE CODE: AAP 321**

**COURSE TITLE: RUMINANT AND NON RUMINANT  
PRODUCTION**

**DATE: 7<sup>TH</sup> OCTOBER 2021**

**TIME: 2 – 4 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) Outline the importance of camels in Kenya economy (6mks)
  - b) List four breeds of dairy cattle found in Kenya (4mks)
  - c) Differentiate between
    - i) FSH and LH (4mks)
    - ii) Farrowing and Kidding (4mks)
    - iii) Flushing and steaming up (4mks)
  - d) Enumerate five characteristics of a good dairy cow (5mks)
  - e) List three breeds of beef cattle found in Kenya (3mks)
2. Describe the processes of making good silage and bailed hay (20mks)
3. Demonstrate egg formation process in chicken (20mks)
4. Discuss systems of dairy production outlining advantages and disadvantages (20mks)
5. Discuss beef cattle under the following
- i) Traits for selection of a beef cattle breed
  - ii) Factors affecting stocking rate