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UNIVERSITY EXAMINATIONS



*(Knowledge for Development)*

# KIBABII UNIVERSITY

## UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR

YEAR 2 SEMESTER TWO

SUPPLEMENTARY/SPECIAL EXAMINATION

FOR THE DEGREE OF Bsc. BAE,BEE

**COURSE CODE:** SAB 321

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

**DATE:** 09/02/2021. **TIME:** 2 HOURS 8-10 AM.

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### INSTRUCTIONS TO CANDIDATES

Answer Question One and Any other TWO (2) Questions.

TIME: 2 Hours

This Paper Consists of 2 Printed pages Please Turn Over.

**Question 1 (30mks)**

- (a) State and explain two nutritional disorders horses/donkeys (4mks)
- (b) List five advantages of keeping large white breed of pigs (5mks)
- (c) List and explain three integrated fish production methods (6mks)
- (d) State three honey predators and give a control measure in each case (6mks)
- (e) Suggest six challenges in the production of honey (6mks)
- (f) Give three characteristics you would use to identify Alpine goat breed (3mks)

**Question 2**

- (a) State and explain factors that influence age at puberty in gilts (10mks)
- (b) Discuss the factors affecting litter size in gilts and sows (10mks)

**Question 3**

- (a) Describe how you will handle a kid/lamb immediately after birth (12mks)
- (b) Discuss two mechanical communication methods in bees (8mks)

**Question 4**

- (a) Describe the advantages of Kenya top bar hive (12mks)
- (c) Explain how you will carry out selection for breeding of doe/ewe in shoat production (8mks)

**Question 5**

- a) Describe the three types of supplementary feeds in fish production (10mks)
- b) Discuss two aquaculture production systems (10mks)