

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE

ANSC 463: RABBIT PRODUCTION

STREAMS:

TIME: 2 HOURS

DAY/DATE: TUESDAY 10/04/2018

11.30 A.M - 1.30 P.M

INSTRUCTION:

- **Answer all question in section A and any other two in section B**
- **Use a pencil for the drawings**
- **Do not write anything on the question paper**
- **All rough work should be done on the answer booklet and then crossed**

SECTION A (30MARKS)

1. (a) Explain the meaning of the following terminologies as used in rabbit production. [2marks]
 - (i) Chining
 - (ii) Colonizing herd
 - (iii) Furnishings
2. Name one rabbit population biological control mechanism citing the negative consequences. [2marks]
3. Describe the hindrances to rabbit production in the Ancient times and how it was overcome. [2marks]
4. Explain how rabbit production can contribute in combating lifestyle diseases in man. [2marks]
5. How does free range rabbits evade the risk of predation. [3marks]

6. Give measures on how to improve rabbit productivity in Kenya. [5marks]
7. Indicate the disadvantages of natural ventilation in rabbit housing. [2marks]
8. Explain the challenge of feeding low fiber diet to the rabbits. [3marks]
9. State the cause of pseudosciesis in rabbits. [2marks]
10. Explain why tender care is paramount for the kits immediately after birth. [3marks]

SECTION B (40MARKS)

11. (a) With an aid of a diagram explain how cellulose digestion occurs in the rabbit. [15marks]
 - (b) Describe the procedure for sex determination in rabbits. [5marks]
 12. (a) Discuss pregnancy diagnosis in rabbits citing challenges in every procedure. [10marks]
 - (b) With aid of diagrams demonstrate the best practices used in rabbit handling. [10marks]
 13. In an orderly sequence the describe the rabbit slaughter process and indicate the usefulness of the by-products. [20marks]
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