

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

ANSC 460: NON-RUMINANT PRODUCTION

STREAMS: BSC (AGRIC)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 15/04/2020

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS: Answer all questions in section A and any TWO in section B

SECTION A (30 MARKS)

1.
 - (a) List four or two broiler breeds of chicken [2 marks]
 - (b) Outline the limitations in battery cage poultry production system [2 marks]
 - (c) Outline a method of maintaining hatching egg quality of domestic fowl [2 marks]
 - (d) Outline the operational phases of a quail incubator [2 marks]
 - (e) Describe the construction of a brooder for raising day-old chicks [2 marks]
2.
 - (a) Highlight the advantages of rabbit meat [2 marks]
 - (b) List two rabbit breeds and describe their body colors [2 marks]
 - (c) Describe caecotrophy [2 marks]
 - (d) Highlight one method of rabbit identification [2 marks]
 - (e) State the principles of selecting a boar [2 marks]
3.
 - (a) Describe the action required to carry out the following actions in piglets [2 marks]
 - (i) To supplement iron
 - (ii) To avoid injury of the teats of the sow
 - (b) State the advantages of intensive pig production [2 marks]
 - (c) Outline the functions of a worker bee [2 marks]
 - (d) Outline the drawbacks of a langstroth hive [2 marks]
 - (e) List the pests that attach bees and how they are controlled [2 marks]

ANSC 460

SECTION B (40 MARKS)

4. (a) Discuss five (5) factors that affect the egg size of a duck [10 marks]
 - (b) Discuss five (5) factors that influence rabbit keeping [10 marks]
 5. (a) Discuss five (5) methods of minimizing disease spread in pigs [10 marks]
 - (b) Discuss five (5) factors to consider when sitting an apiary [10 marks]
 6. (a) Explain the importance of proper feeding of geese in the tropics [10 marks]
 - (b) Discuss factors influencing housing of rabbits [10 marks]
-