



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
BACHELOR OF SCIENCE IN AGRICULTURE
SECOND SEMESTER, 2023/2024
(JANUARY-APRIL, 2024)

ANSC 460: NON-RUMINANT PRODUCTION

STREAM: Y4 S2

TIME: 2 HOURS

DAY: TUESDAY, 12:00 – 2:00 P.M.

DATE: 23/04/2024

INSTRUCTIONS

- 1. Do not write anything on this question paper.*
- 2. Answer all question in section A and any TWO in section B.*

SECTION A

- 1) What are the factors affecting the distribution of pig in Kenya. (3marks)
2. Explain the advantages and disadvantages of livestock production. (4marks)
3. What is the economic importance of poultry production? (3marks)
4. Briefly explains the problem faced by poultry farmers in Kenya. (3marks)
5. Briefly explain deep litter system of production in poultry. (2marks)
6. What are the factors to be considered when establishing Poultry house. (3marks)
7. Distinguish between the natural method of incubation and artificial method giving examples. (4marks)
8. Briefly explains about artificial breeding in bees. (3marks)
9. Explain the characteristics of a good queen. (5marks)

SECTION B

10. a) Discuss the management of piglet from one day old to weaning. (10marks)
- b) Explain the causes of mortality in piglet. (10marks)
11. a) with the help of labelled diagram explain the steps of egg formation. (10marks)
- b) Discuss the methods of checking temperature in a brood. (10marks)
12. Discuss the alimentary system and respiratory system in bees. (20marks)
13. Discuss the importance of livestock production in Kenya. (20marks)