



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**FIRST YEAR EXAMINATION FOR THE AWARD OF THE**  
**DIPLOMA IN ANIMAL HEALTH /ANIMAL SCIENCE**  
**SECOND SEMESTER 2022/2023**  
**(SEPTEMBER - DECEMBER, 2022)**

**ANSC 0350: NON RUMINANT HUSBANDRY**

**STREAM: Y2 S2**

**TIME: 2 HOURS**

**DAY: MONDAY, 9:00 A.M – 11:00 A.M**

**DATE: 19/12/2022**

**INSTRUCTIONS:**

- 1. Do not write anything on this question paper.**
- 2. Answer ALL Questions in section A (Compulsory) and any other THREE Questions in section B.**

**SECTION A(40 MARKS)**

1. a) Why is a nestling box the most important equipment in rabbit production? (2 marks)
- b) Explain the significance of the following in rabbit husbandry>
  - i) Induced ovulation
  - ii) Sexing
  - iii) Coprophagy (6 marks)
- c) Name any two causes of abortion in rabbits. (2 marks)
2. a. Name any three tools used when harvesting honey and give their specific uses. (6 marks)
- b. Why is bees production a viable economic activity. (4 marks)
3. a. State any important advantages of confining pigs. (4 marks)
- b. Name any two causes of piglet starvation. (2 marks)
- c. State how piglet anemia is controlled in a pig farm. (2 marks)
- d. Explain the importance of early weaning in pig husbandry. (2 marks)
4. a). Name any two important records in poultry farming. (4 marks)
- b) Explain the term photoperiodism in poultry. (2 marks)
- c) State any four disadvantages of free range system in rearing poultry. (4 marks)

## **SECTION B**

5. Discuss various requirements in a brooder house . (10 marks)
6. Discuss a reliable breeding programme in pigs for maximum production in a year. (10 marks)
7. Discuss rabbit production under the following sub-headings
  - a. Maturity and mating practices. (3 marks)
  - b. Feeding rabbits. (3 marks)
  - c. Causes of Pseudo pregnancy.
8. a. Discuss the ecological requirements for bees production.( 5 marks)
  - b. Describe the protective gear when harvesting honey. (5 marks)