

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF CERTIFICATE
IN ANIMAL HEALTH AND PRODUCTION**

ANSC 00260: NON-RUMINANT PRODUCTION SYSTEMS

STREAMS: CERT. ANHE

TIME: 2 HOURS

DAY/DATE: MONDAY 16/4/2018

11.30 A.M. – 1.30 P.M.

**INSTRUCTION: ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO
QUESTIONS IN SECTION B**

SECTION A (40 MARKS)

1. Define the following terms
 - (a) Breed [2 marks]
 - (b) Sow [2 marks]
 - (c) Doe [2 marks]
 - (d) Incubation [2 marks]
 - (e) Buck [2 marks]
2. Explain the cause of the following egg abnormalities.
 - (a) Thin shelled eggs [2 marks]
 - (b) Double yolk eggs [2 marks]
 - (c) Stuck eggs [2 marks]
 - (d) Bloody eggs [2 marks]
 - (e) Meaty eggs [2 marks]
3.
 - (a) A part from Newzealand white, Angora, California white and Kenya white, list any other five breeds of rabbits. [5 marks]
 - (b) List any five factors to consider when selecting for a breeding doe. [5 marks]
4. Outline five management practices carried out on piglets. [10 marks]

SECTION B (30 MARKS)

5. Discuss various challenges faced by poultry industry in Kenya. [15 marks]
6. Discuss the management of rabbit kits from birth to weaning. [15 marks]
7. (a) Define the term puberty. [2 marks]
- (b) Outline factor that affect onset of puberty in gilts. [13 marks]
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