



*"Investing in Africa's future"*

**COLLEGE OF HEALTH AGRICULTURE AND NATURAL SCIENCES  
(CHANS)**

**AAS 303 : MONOGASTRIC PRODUCTION**

**END OF SECOND SEMESTER FINAL EXAMINATIONS**

**APRIL/MAY 2019**

**LECTURER: .....**

**DURATION: 3 HRS**

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**INSTRUCTIONS**

Answer any **FIVE** questions

All questions carry equal marks (20).

DO NOT repeat material.

Write legibly.



June 2019

**3 HOURS (100 Marks)**

**INSTRUCTIONS**

Answer any **FIVE** questions. Each question carries **20 marks**.

1. a) Explain the following
  - i. Precocial [2 marks]
  - ii. Altricial [2 marks]
  - iii. Papillae [2 marks]
  - iv. Phallus [2 marks]
  - v. Capons [2 marks]

b) Illustrate how the reproductive system of a rooster is different from other males. [10 marks]
2. a) Discuss in detail the factors that affects fertility in chickens [14 marks]  
b) Explain plumping and oviposition as they happen in chickens [6 marks]
3. Discuss the process of egg formation in chickens [20 marks]
4. a) Discuss measures of reproductive performance in pigs [14 marks]  
b) State any six signs of oestrus in the sow [ 6 marks]
5. Discuss the following pig breeds
  - a) Large white [8 marks]
  - b) Landrace [8 marks]
  - c) Duroc [6 marks]
6. SMEDI and MMA are important pig diseases that re related to reproduction, briefly describe the two conditions as they affect pig production [20 marks]

**END OF PAPER**