

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE**

**ANSC 362: PIG PRODUCTION**

**STREAMS: BSC (ANSC)**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 16/4/2018**

**8.30 A.M. – 10.30 A.M.**

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

**SECTION A: ANSWER ALL QUESTION (30 MARKS)**

1. (a) Define the following: Barrener, Ham, Heterosis, Runt [4 marks]
- (b) What makes pig unique compared to other domestic animals? [5 marks]
- (c) The pig productivity in Kenya is low. Explain. [5 marks]
- (d) List traits considered while selecting a boar. [5 marks]
- (e) List three external parasites and show their effect on the pig. [6 marks]
- (f) Which are the methods of improving the genetic potential of your herd of pigs. [5 marks]

**SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)**

2. Discuss the nutrient requirement of pigs. [20 marks]
3. Explain the characteristics of different exotic pig breeds rural in Kenya. [20marks]
4. Discuss the productive management of sows in relation to farrowing and birth management. [20 marks]