



NATIONAL OPEN UNIVERSITY OF NIGERIA
91, CADASTRAL ZONE, UNIVERSITY VILLAGE, JABI, ABUJA
FACULTY OF AGRICULTURAL SCIENCES
Department of Animal Science and Fisheries
2020_2 Examination

Course Title: SWINE AND RABBIT PRODUCTION

Course Code: ANP 503 (2 Units)

INSTRUCTIONS: Answer question one (compulsory) and any other three (3). Please note that question one carries 25 marks while the others carry 15 marks each.

TIME: 2 ½ hours

1a. Mrs Grace is an upcoming entrepreneur wanting to set up a piggery in Markudi, Benue State. Discuss how you will convince her to go ahead with her plans **(10 Marks)**

1b. Suppose Mrs Grace in question 1a above wants to add rabbit keeping to her list of enterprises highlight the benefits she stands to gain by adding rabbits on her farm **(10 marks)**

1c Base on body weight, how are rabbits classified? **(5 Marks)**

2. Differentiate between herd mating and hand mating highlighting the factors to be considered when selecting a boar for Mating **(15 Marks)**

3a. List the nutrients required for proper livestock growth and development **(6Marks)**

3b. Briefly describe the following management practices in a farm **(9 Marks)**

i. Ear tagging ii. Tattooing iii. Ear Notching

4a. Mr. Audu visited his friend's farm and noticed that the doe is pregnant. As an animal scientist, what suggestions can you make on how best to manage the pregnant doe to kindling **(10 Marks)**

4b. List the content of a first aid box on a farm **(5 Marks)**

5. Discuss fully how Mr. Solomo should take care of a lactating sow on his farm **(15Marks)**

6. Describe the signs and symptoms of the following infectious diseases.

(a) African Swine Fever (ASF), (b) Anthrax and (c) Enteritis **(15 Marks)**