

NATIONAL OPEN UNIVERSITY OF NIGERIA FACULTY OF AGRICULTURAL SCIENCES DEPARTMENT OF ANIMAL SCIENCE AND FISHERIES SEPTEMBER 2020_1 EXAMINATION

COURSE CODE: ANP 301 TITLE: INTRODUCTION TO NON-RUMINANT PRODUCTION CREDITS: 2 INSTRUCTION: Answer question one and any other 3 questions TIME: 2 HOURS

- 1. (a) What are the major characteristics of indigenous breed of pigs?
 - (b) What advantages do rabbit rearing have over the rearing of other livestock?
 - (c) Discuss briefly the major constraint of poultry production in Nigeria.

25 marks

- 2. (a) Outline briefly how you can prolong the Shelf-life of eggs.
 - (b) Why is intensive production system recommended for pig farmers in the tropics.

15 marks

- 3. (a) List the common breeds of rabbits reared in Nigeria
 - (b) Using appropriate examples, distinguish between the different types of poultry reared in Nigeria. **15 marks**
- 4. (a) What are the merits and demerits of battery cage system of poultry rearing?
 (b) What are the main components of the male reproductive system of rabbits?
 15 marks
- 5. (a) What are the factors you will consider when selecting rabbits for breeding?
 (b) What are the Characteristics of a good drinker and feed trough for birds?
 15marks

6. (a) Give five examples each of the following

- (i) Macro minerals
- (ii) Micro minerals
- (b) (i) What are feed additives
 - (ii) Give two examples of feed additives.

15 marks