



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF ANIMAL SCIENCE AND FISHERIES
POP 2021_2₇₃₅

COURSE CODE: ANP 301

COURSE TITLE: Introduction to Non-Ruminant Animal Production

CREDIT UNIT: 2 CU

TOTAL SCORE: 70 MARKS

TIME ALLOWED: 2 Hours

INSTRUCTIONS: ANSWER QUESTION 1 (30 MARKS) AND ANY OTHER TWO (20 MARKS EACH)

1. a. Define the following terms:

- (i) Stunning (4 marks)
- (ii) Evisceration (4 marks)
- (iii) Lairage (4 marks)
- (iv) "Pig Cycle" (5 marks)

b. What are the stages involved in processing table birds for human consumption? (8 marks)

c. What are the major sub-heads that should be in an ideal doe record card? (5 marks)

2. (a) Describe the various types of stunning used in pig slaughtering. (12 marks)

(b) Give examples of feed additives used in poultry feeds. (8 marks)

3. (a) How can "Pig Cycle" be prevented in marketing of pigs? (6 marks)

(b) What are the merits and demerits of the deep-litter system of poultry production? (14 marks)

4. (a) Briefly outline the water requirements for the different classes of pigs (10 marks)

(b) What are the essential amino acids of poultry? (10 marks)