



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JANUARY/FEBRUARY 2013 EXAMINATION**

ANP 301 INTRODUCTION TO NON-RUMINANT PRODUCTION

ANSWER 4 QUESTIONS

TIME: 2 HOURS

- (1)a. Classify breeds of chickens based on their uses and give 2 examples of each class.
b. State 4 advantages of poultry keeping.
c. State 2 problems of poultry production in Nigeria.
- (2) a. Define nutrition.
b. List 3 types of poultry production systems.
c. List 4 equipments used in poultry production.
d. Give 4 class of nutrient required by poultry and give one source of each.
- (3) a. Define the following.
i. Hatchability.
ii. Disease.
iii. Scalding.
iv. Mating.
v. Weaning.
b. Supposing 500 eggs were incubated, after 7 days 450 were found to be fertile. If 400 are the fertile eggs that hatched into chicks. Calculate hatch of fertile and hatch of total eggs?
- (4)a. Mentioned 6 breeds of rabbit of international origin found in Nigeria and

explain the characteristics of 3.

b. State 2 methods of killing rabbit.

(5) With the aid of a diagram, describe the gastro intestinal tract of pig.

(6) a. What are parasites?

b. Briefly explain the types of parasites with 2 examples each.

c. State 2 control methods of each type of parasites.

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