



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION

ANP301: INTRODUCTION TO NON-RUMINANT ANIMALS PRODUCTION
TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

1.
 - i. State the advantages of poultry keeping.
 - ii. What are the problems or constraints of poultry production in Nigeria suggest ways of their improvement.
 - iii. Explain the criteria used in selecting doe for breeding.
 - iv. Enumerate on the common preparations before farrowing.
2.
 - i. State the advantages of keeping rabbits.
 - ii. Give guide lines that will help a poultry farmer in providing simple and adequate housing for poultry under tropical conditions.
 - iii. State factors to consider when selecting boar for service.
 - iv. give the characteristics of good layer and good broilers.
3.
 - i. State the advantages of pig farming.
 - ii. State the advantages and disadvantages of the following:
 - a. free range system
 - b. battery cage system
 - c. deep litter system
 - iii. How do you identify a healthy rabbit?
4.
 - i. Name five improved breeds of chickens that are found in Nigeria.
 - ii. Briefly explain the characteristics of any three breeds mentioned above.
 - iii. Explain the advantages of rabbit meat over other meats.
 - iv. Enumerate signs of heat period in sow.
5.
 - i. State precautions to be taken by poultry keepers to prevent the spread of diseases.
 - ii. Mentioned six breeds of rabbit of international origin found in Nigeria and explain the characteristics of any three.
 - iii. State the disadvantages of keeping pigs.
 - iv. Enumerate the general consideration of designing a pig house and give examples of pig housing commonly found in the tropics.
6.
 - i. Discuss Newcastle, Fowl cholera and Gumboro diseases under the following:

- a) Causative agents and signs
 - b) Means of transmission
 - c) Prophylaxis and treatment
- ii. State how to minimize major stresses in rabbits.
- iii. Name six exotic breeds of pigs found in the tropics and describe the characteristic features of any three of these exotic breeds of pig.