



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF AGRICULTURAL SCIENCES
COURSE CODE: AEM723
COURSE TITLE: NON RUMINANT ANIMALS (2 UNITS)
DURATION: 2 HRS
INSTRUCTION: ANSWER ANY 4 QUESTIONS

1. (a) What is fostering in rabbit production? State the guidelines for carrying out fostering (10marks)
(b) Why did poultry occupies a unique position in the Nigerian livestock production? (6 marks)
(c) Give four examples of hybrid poultry breeds imported into Nigeria (4 marks)
(d) Outline 5 signs of a healthy rabbit (5 marks)
2. (a) In a tabular form state the causative organism, means of transmission, signs, prophylactic measures and treatments of the following diseases: (20marks)
 - (i) Newcastle disease
 - (ii) Infectious bronchitis
 - (iii) Gumboro diseases
 - (iv) Mareks disease
 - (v) Fowl Pox
3. (a) Identify four major factors that gives pig production a place in the Nigerian livestock sector? (8marks)
(b) Give six merits for raising rabbits (12 marks)
(c) State five factors to be considered while selecting rabbits for breeding (5 marks)
4. (a) Identify six measures of disease control in pig farms (6 marks)
(b) Mention four common equipment found in a typical rabbit hutch (4 marks)
(c) State seven guidelines in providing simple but adequate housing for poultry birds in Nigeria (7 marks)
(d) State the three rule of thumb for feeding sows (3 marks)
(e) Give 5 examples of infectious/contagious diseases of pigs (5 marks)
5. (a) Outline the different methods of chilling and give the reason why chilling is necessary in animal product storage (5 marks)

- (b) How will you select gilt for breeding purpose? (5 marks)
- (c) Write a brief note on feeding management of ducks (5 marks)
- (d) Why is it necessary to delay egg production in pullet until 20 weeks of age? (2 marks)
- (e) In what ways do parasites affect poultry production? (2 marks)
- (f) Discuss feeding management of pullets (6 marks)
6. (a) In a tabular form mention five common worms in pigs, mode of infestation and two clinical signs of infestation (20 marks)
- (b) List five exotic breeds of pigs available in the tropics (5 marks)