



*NATIONAL OPEN UNIVERSITY OF NIGERIA*  
*KM4, Kaduna-Zaria Expressway, Rigachikun, Kaduna*  
*Faculty of Agricultural Sciences (FAS)*

*Semester POP Exam Question (2022\_2)*

**COURSE TITLE: POULTRY PRODUCTION**

**COURSE CODE: ANP 501**

**CREDIT UNIT: 2**

**TOTAL SCORE: 70**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTIONS: Answer Compulsory question ONE (30 marks) and any other two questions (20 marks each)**

1. (a) Give a proper description of the management of laying birds (12 marks)  
(b) Briefly explain four most important considerations in poultry feed formulation (8 marks)  
(c) Discuss 'forced-moulting' in poultry production (5 marks)  
(d) Describe the deleterious effects of Hemorrhagic enteritis in young Turkeys (5 marks)
2. (a) Provide a concise description of the deep litter system in terms of the building construction and the litter materials used in the tropics (8 marks)  
(b) Clearly highlight seven unique advantages of the deep litter system associated with litter materials (7 marks)  
(c) Briefly describe the management of Growers (5 marks)
3. (a) Discuss the feeding patterns in Pullets and Layers (10 marks)  
(b) Clearly explain brooding in Goose production (10 marks)
4. (a) Carefully describe the process of artificial incubation of eggs in Ostrich production (15 marks)  
(b) Discuss breeding/mating in Guinea fowl management (5 marks)