



# **NATIONAL OPEN UNIVERSITY OF NIGERIA**

**University Village, Nnamdi Azikwe Express Way, Plot 91,  
Cadastral Zone,  
Jabi, Abuja**

**Faculty of Agricultural Sciences**

**FIRST SEMESTER EXAMINATION: June/July**

**COURSE CODE: ANP 313**

**COURSE TITLE: POULTRY PRODUCTION (2 CREDIT UNIT)**

**DURATION: 2 HOURS**

**ANSWER FOUR QUESTION ONLY**

**Q1.**

- a.** Describe an ideal poultry house suitable for the tropical environment **(5 Marks)**
- b.** Differentiate between flat and cabinet incubators **(8 Marks)**
- c.** Highlight four major factors favouring the spoilage of poultry meat in the tropics **(4 Marks)**
- d.** Outline four measures for preventing poultry meat spoilage **(4 Marks)**
- e.** State four features associated with embryonic mortality **(4 marks)**

**Q2.**

- a.** Highlight five characteristic features of each of the following breeds of chicken **(20 Marks)**
  - I. New Hampshire
  - II. Light Sussex
- b.** State five traits of economic importance in breeding of birds **(5 Marks)**

**Q3.**

- a.** Describe the cause, symptoms, control and treatment of Curled-toe paralysis in birds **(8 marks)**
- b.** Describe three disposal methods of dead birds **(6 Marks)**

- c. Explain three techniques for feather removal in birds **(6 Marks)**
- d. Highlight five advantages of breeding **(5 marks)**

**Q4.**

- a. Briefly explain the concept of brooding **(5 Marks)**
- b. Explain five methods of egg preservation **(10 Marks)**
- c. Enumerate ten important steps for chick management in the brooder **(10 Marks)**

**Q5.**

- a. Highlight seven factors to be considered in site selection and layout of poultry building **(7 Marks)**
- b. Enumerate five important mineral deficiencies that can result in Perosis **(10 Marks)**
- c. Identify three classical symptoms of Perosis **(6 Marks)**