



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

POULTRY PRODUCTION (ANP 313) EXAMINATION

INSTRUCTIONS: Answer Four (4) questions only. All questions carry equal marks

TIME ALLOWED: 2.30Minutes

- 1a. List the types of poultry houses available and describe fully any three (15Marks)**
- 1b. What are the necessary criteria to be considered when setting up the foundation of a poultry house (10Marks)**
- 2. Write short notes on the following**
 - a) Nest**
 - b) Crates**
 - c) Brooder**
 - d) Perch**
 - e) Conical drinker (25Marks)**
- 3a. Differences between Flat and Cabinet Incubators (10 marks)**
- 3b. Fill in the empty spaces in the table below (7Marks)**

Specie of bird	Number of incubation days
Bob white quail	
Pigeons	
Chickens	
Duck	
Ostrich	
Guinea fowl or turkey	
goose	

- 3c. What do you understand by Candling and highlight its significance in hatchery operations (8Marks)**
- 4a. List the major management practices in an incubator (5Marks)**
- 4b. Discuss fully any four (20 Marks)**
- 5a. Discuss in details the factors influencing successful hatchery operations and management of breeder flock (20 marks)**
- 5b. List the factors to consider when sitting a hatchery (5marks).**
- 6a. Write short notes on**
 - a. Anti nutritional factors**
 - b. *Ad libitum* feeding**
 - c. Protein requirement in poultry**
 - d. Protein/energy ratio in poultry feeding**
 - e. Mineral requirement in poultry (25Marks)**