



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF ANIMAL SCIENCE AND FISHERIES
2023_1 POP EXAMINATION..

COURSE TITLE: POULTRY PRODUCTION

COURSE CODE: ANP 313

CREDIT UNIT: 2

TOTAL SCORE: 70

TIME ALLOWED: 2 HOURS

INSRUCTIONS: Answer question ONE (Compulsory) and any other two

1. (a) Briefly explain the following in relation to management practices in the incubator:
 - i. Candling (5 marks)
 - ii. Egg turning (5 marks)
 - iii. Egg positioning (5 marks)

(b) Discuss the following concepts in relation to maintenance of proper hatchery hygiene in poultry production (10 marks)

 - i. Egg fumigation
 - ii. Fertile egg handling

(c) Highlight five merits of poultry breeding (5 marks)
2. (a) Identify seven qualities of a good feeder (7 marks)
(b) Clearly state eight factors to be considered in site selection and lay-out of poultry building (8 marks)
(c) Enumerate five critical factors that can affect nutritional requirements in poultry (5 marks)
3. (a) Distinguish between a flat and a cabinet incubator (8 marks)
(b) Identify seven criteria for breed recognition in poultry (7 marks)
(c) State five traits of economic importance in poultry and the type(s) of birds involved (5 marks)
4. (a) Give five differences between the fold unit and the portable colony cage (10 marks)
(b) Discuss five fundamental principles of scientific breeding (10 marks)