

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE

ANSC 461: POULTRY PRODUCTION

STREAMS: BSC (ANSC) Y4S1

TIME: 2 HOURS

DAY/DATE: MONDAY 09/12/2019

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS: Answer ALL question in section A and any TWO in section B

SECTION A

1. (a) What is the main cause of poultry competition for cereals with human beings [2 marks]
- (b) Highlight reasons for raising quails under intensive system [2 marks]
- (c) Outline requirements necessary for raising geese in an extensive system [2 marks]
- (d) Highlight ways of maintaining beddings in a deep litter system [2 marks]
- (e) List layers chicken breeds [2 marks]
2. (a) Highlight types of inbreeding in poultry [2 marks]
- (b) Highlight reasons influencing clipping of spans cocks [2 marks]
- (c) Explain malposition of duck eggs and its effects on hatchability [2 marks]
- (d) Highlight the importance of relative humidity during incubation [2 marks]
- (e) Highlight factors influencing egg weight loss during incubation [2 marks]

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3. (a) Highlight precaution (s) which should be observed when chick are brooded on raised slated floor [2 marks]
- (b) Outline how one is able to monitor brooder temperature by observing the chick's behaviour [2 marks]
- (c) Outline reasons which cause sudden drop of egg laying in chicken [2 marks]
- (d) Highlight the advantages of using pelleted feeds compared with meals in poultry feeding [2 marks]
- (e) Highlight factors influencing water intake in ducks [2 marks]

**SECTION B**

4. (a) Discuss factors influencing keeping of local chicken [10 marks]
- (b) Discuss factors determining usage of Artificial Insemination (AI) in chicken [10 marks]
5. (a) Discuss factors influencing qualities of hatching eggs [10 marks]
- (b) Discuss methods of minimizing disease spread in chicken [10 marks]
6. (a) Discuss factors influencing poultry housing [10 marks]
- (b) Discuss the factors influencing marketing of chicken products [10 marks]
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