



UNIVERSITY EXAMINATIONS

RESIT/SPECIAL

EXAMINATIONS FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
ANIMAL SCIENCE

ANSC 461: POULTRY PRODUCTION

STREAMS: BSC (ANSC)

TIME: 2 HOURS

DAY/DATE: TUESDAY 02/02/2021

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS: Answer questions in Section A and any two in B

SECTION A

1.
 - a) Outline subclasses of poultry breeds according to Country of origin and development (2 marks)
 - b) Highlight two benefits of exotic chicken (2 marks)
 - c) Highlight two disadvantages local chicken (2 marks)
 - c) Outline two d traits of economic importance of broilers (2 marks)
 - d) Briefly explain features used in sexing five to eight weeks old chicks (2 marks)
2.
 - a) Outline factors influencing external quality of an egg (2 marks)
 - b) Highlight essential requirements in artificial incubation (2 marks)
 - c) Describe four genetic factors influencing egg hatchability (2 marks)
 - d) Define the following terminologies as applied in poultry production
 - (i) Setting
 - (ii) Hatching
 - (iii) Natural incubation

(iv) Artificial incubation (4 marks)

- 3 a) Describe a simple technique for growing maggots as cheap source protein for semi-intensive poultry production system (2 marks)
- b) Outline two disadvantages of a battery cage poultry production system (2 marks)
- c) Outline uses of poultry litter (2 marks)
- d) List sources of heat in brooding (2 marks)
- e) Describe bio-safety in poultry (2 marks)

SECTION B

4. a) Discuss factors influencing poultry house construction (10 marks)
- b) Discuss factors influencing feed additives in poultry rations (10 marks)
5. a) In detail, explain management of layers (10 marks)
- b) Discuss factors influencing poultry marketing in Kenya (10 marks)
6. a) Discuss factors influencing egg size (10 marks)
- b) Discuss factors influencing poultry health (10 marks)
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