



SCHOOL OF PROFESSIONAL STUDIES

DIPLOMA IN AGRIBUSINESS

UNIT CODE: DAG 174, UNIT NAME: NON-RUMINANTS PRODUCTION SYSTEMS

September – December 2018/2019 End Semester Exam - Time: 2 Hours

Instructions: Answer Question ONE (Compulsory) and any other TWO questions.

Question One - Compulsory (30marks)

a) Define the following terms as used in livestock production systems

- i. Aggregation of honey (2 marks)
- ii. Inbreeding (2 marks)
- iii. Vaccination (2 marks)
- iv. Creep feeding in piglets (2 marks)
- v. Brooding in poultry (2 marks)

b) State **four** factors considered when locating an apiary. (4 marks)

c) List **four** characteristics of good litter material in poultry production. (4 marks)

d) Name **two** pests that attack bees in an apiary. (2 marks)

e) List **four** essential equipment in poultry production. (4 marks)

f) State **two** reasons for feeding bees. (2 marks)

g) Enumerates **four** signs of heat in sows.

(4 marks)

Section B (30marks)

Question two

a) Explain **three** food groups considered when formulating poultry feeds.

(9 marks)

B) Explain three systems used in pig production.

(6 marks)

Question three

A) Explain five general measures used in the management of poultry diseases.

(10 marks)

b) Describe the products of honey bees in Kenya.

(5 marks)

Question four

a) Outline the factors considered when locating a poultry house.

(6 marks)

b) Explain the components of a protective beekeepers suit.

(6 marks)

c) Outline **three** symptoms of sickness in poultry birds.

(3 marks)

Question five

a) Explain briefly any four diseases that attack chicken

(10 marks)

b) Outline five traits to consider when selecting boars for breeding purposes.

(5 marks)