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University Examinations 2013/2014

SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR DIPLOMA IN
AGRICULTURE

ANS 0230: NON-RUMINANT PRODUCTION

DATE: APRIL 2014

TIME: 1 ½ HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE – (30 MARKS)

- (a) Define the following terminologies: (5 Marks)
- (i) Cockerel
 - (ii) Gilt
 - (iii) Worker bee
 - (iv) Porker
- (b) Mr. Kamau is a farmer who wants to keep layers. Explain in details the factors he should consider before stating the enterprise. (10 Marks)
- (c) Discuss how you can improve the management of local chicken. (5 Marks)
- (d) Explain five important activities to pay attention to during brooding. (5 Marks)
- (e) Name five challenges limiting pig production in Kenya. (5 Marks)

QUESTION TWO – (15 MARKS)

- (a) Give four reasons why rabbit production is increasing in Kenya. (4 Marks)
- (b) Egg eating and cannibalism are quite devastating vices in chicken enterprise. What are their causes and how would you reduce their incidence. (4 Marks)
- (c) Give two reasons why pigs do not perform very well on forage rations. (2 Marks)
- (d) Explain five management aspects of chicks from day one to 8 weeks old. (5 Marks)

QUESTION THREE - (15 MARKS)

- (a) How would you successfully manage a flock of commercial layers throughout the laying period in a deep litter system? (6 Marks)
- (b) How would you identify the non laying hens? (2 Marks)
- (c) What would cause:
 - (i) Sudden drop in egg production in a day or two. (2 Marks)
 - (ii) Long fluctuation (gradual) in egg size and number. (4 Marks)

QUESTION FOUR – (15 MARKS)

- (a) Name five disease carriers in poultry. (5 Marks)
- (b) Name five pests which attack bees. (5 Marks)
- (c) Name two pests which attack pigs. (2 Marks)
- (d) Name three members of a bee colony. (3 Marks)

QUESTION FIVE – (15 MARKS)

- (a) Outline some of the factors considered when siting a pig unit. (10 Marks)
- (b) Explain the term corprophagy as used in rabbit production. (5 Marks)