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University Examinations 2024/2025

THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELLOR OF SCIENCE IN ANIMAL HEALTH AND PRODUCTION

AAP 3300: PIG AND RABBIT PRODUCTION SYSTEMS

DATE: DECEMBER 2024

TIME: 2 HOURS

INSTRUCTIONS:

- i. Answer question **ONE** and any other **TWO** questions

QUESTION ONE (30 MARKS)

- a) Explain the causes of cannibalistic tendency in does (4 marks)
- b) State five products that can be a source of revenue for a pig farm. (5 marks)
- c) Explain economic importance of rabbit keeping. (5 marks)
- d) Describe pig production systems. (6 marks)
- e) Outline five (5) factors that determine pig distribution in Kenya. (5 Marks)
- f) Define the following terms (5 marks)
 - i. Runner
 - ii. baconer
 - iii. Chryptochid
 - iv. Hutch
 - v. Kindling

QUESTION TWO (20MARKS)

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- a) Discuss strategies for optimizing sow productivity during its breeding lifespan in the herd (10 marks)
- b) Mange and coccidiosis are two diseases encountered in a rabbit unit. Describe the causative agents, symptoms and treatment of both diseases. (10 marks)

QUESTION THREE (20MARKS)

- a) Describe the rabbit industry and its prospects for the Kenyan economy (10 Marks)
- b) Discuss the selection of replacement gilts and boars (10 Marks)

QUESTION FOUR (20MARKS)

- a) Discuss the strategies that a farmer can attempt to minimize the heat stress in pigs (10 Marks)
- b) Describe the mating, pregnancy and kindling in rabbits (10 Marks)