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(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER

MAIN EXAMINATION

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE
AND BIOTECHNOLOGY; AGRICULTURAL ECONOMICS AND
RESOURCE MANAGEMENT; BACHELOR OF SCIENCE IN
AGRICULTURE EDUCATION AND EXTENSION; BACHELOR OF
EDUCATION SCIENCE.**

COURSE CODE: AAH 411

COURSE TITLE: ANIMAL HEALTH

DATE: 16TH MAY 2022

TIME: 2 – 4 PM

INSTRUCTIONS TO CANDIDATES

Answer Question 1 and any other TWO.

TIME: 2 Hours

This Paper Consists of 2 Printed Pages. Please Turn Over.

Question 1: 30 MARKS (Compulsory)

- i) Distinguish between health and disease. **(4 marks)**
- ii) Distinguish between infectious and contagious disease. **(4 marks)**
- iii) Describe the farm level measures of disease control. **(6 marks)**
- iv) Explain the possible reasons why vaccination results are variable. **(8 marks)**
- v) Describe step by step activities of ensuring successful via the nose vaccination of 500 broilers using a vaccine viol of 1000 doses. Assume the vaccination will be administered using two (2) droplets per bird. **(8 marks).**

ANSWER ANY TWO QUESTIONS – (20 MARKS EACH)

Question 2: Discuss East Coast fever, citing the causal agent, vector, species affected, symptoms treatment, prevention and control. **(20 marks)**

Question 3: Explain anthrax, citing the causal agent, vector, species affected, symptoms treatment, prevention and control. **(20 marks)**

Question 4: Discuss Coccidiosis, citing the causal agent, vector, species affected, symptoms treatment, prevention and control. **(20 marks)**

Question 5: Explain how pathogens cause diseases. **(20 marks)**

END