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(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER

MAIN EXAMINATION

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE
EDUCATION AND EXTENSION; BACHELOR OF EDUCATION
SCIENCE.**

COURSE CODE: AAH 411

COURSE TITLE: ANIMAL HEALTH

DATE: 21ST APRIL 2023

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 how pathogens are transmitted to other animals. (6 marks)
- iv) Discuss how the environment can be a cause of disease. (5 marks)
- v) Outline flock/herd level measures of disease control. (5 marks)
- vi) Explain why vaccination results can vary. (6 marks).

ANSWER ANY TWO QUESTIONS – (20 MARKS EACH)

Question 2: Suppose a respiratory infection is discovered in a poultry farm which has been disease free for a long time, explain to the farm manager the possible ways how that disease entered his chickens. Furthermore, give advice on how to avoid future incidences of the disease.

(20 marks)

Question 3: Discuss anthrax, citing the causal agent, vector, species affected, symptoms treatment, prevention and control.

(20 marks)

Question 4: Discuss hygiene and management as means of disease control.

(20 marks)

Question 5: Briefly explain how pathogens cause diseases.

(20 marks)