



COLLEGE OF HEALTH, AGRICULTURE & NATURAL SCIENCES

NAAS 405: ANIMAL HEALTH

END OF FIRST SEMESTER FINAL EXAMINATIONS

NOVEMBER/DECEMBER 2022

LECTURER: MR. P. B. MUVHURINGI

DURATION: 3 HOURS

Instruction

Answer one question. Each question carries 100 marks

Question 1

- a. Define the following animal health terms
 - i. Aetiology [2]
 - ii. Epidemiology [2]
 - iii. Definitive diagnosis (Dx) [2]
 - iv. Fever [2]
 - v. Dyspnoea [2]
 - vi. Acute disease [2]
 - vii. Chronic disease [2]
- b. List three notifiable disease of livestock [6]
- c. How do you do to reach definitive diagnosis? [15]
- d. List five species of livestock which are affected by foot and mouth disease [10]
- e. What are the clinical signs of foot and mouth disease [20]
- f. Describe any five preventative measures for Newcastle disease in poultry [10]
- g. What are reasons behind the concept of vaccination animals? [10]
- h. Discuss the importance of biosecurity in livestock disease control [15]

Question 2

- a. Define the following terms
 - i. Necropsy [2]
 - ii. Pathogenesis [2]
 - iii. Differential diagnosis (DDx) [2]
 - iv. Notifiable disease [2]
 - v. Emaciation [2]
- b. Using the following headings write short notes on anthrax disease
 - i. Aetiology and transmission, [10]
 - ii. Clinical signs [20]
 - iii. Differential diagnosis [15]
 - iv. Pathogenesis [15]
 - v. Necropsy [15]
 - vi. Prevention and control [15]

Question 3

- a. Discuss the metabolic disorders which affect dairy cattle and suggest measures to reduce the incidence of such disorders. [35]
- b. For a poultry disease of your choice which is caused by virus, write about the following
 - i. Aetiology and transmission, [10]
 - ii. Clinical signs [10]
 - iii. Differential diagnosis [10]
 - iv. Pathogenesis [10]
 - v. Necropsy [10]
 - vi. Prevention and control [10]
 - vii. Treatment [5]

END OF EXAMINATION PAPER