



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. Zoonosis [2]
 - ii. Notifiable disease [2]
 - iii. Aetiology [2]
 - iv. Necropsy [2]
 - v. Differential diagnosis (DDx) [2]
- b. Using examples, explain the importance of case history in the process of identifying a disease. [5]
- c. Using the following headings write short notes on brucellosis disease
 - i. Aetiology and transmission, [10]
 - ii. Clinical signs [15]
 - iii. Differential diagnosis [15]
 - iv. Pathogenesis [15]
 - v. Necropsy [15]
 - vi. Prevention and control [15]

Question 2

- a. List 3 types organisms which cause disease [3]
- b. List 4 tick borne diseases [4]
- c. List five metabolic disorders of livestock [5]
- d. Discuss the metabolic disorders which are faced by dairy farmers when feeding the transition dairy cow [30]
- e. For lumpy skin disease of livestock, write about the following
 - i. Aetiology [3]
 - ii. Transmission, [5]
 - iii. Clinical signs [20]
 - iv. Differential diagnosis [8]
 - v. Necropsy [10]
 - vi. Prevention and control [10]
 - vii. Treatment [2]

Question 3

- a. Compare and contrast the following
 - i. Acute and chronic disease [4]
 - ii. Differential diagnosis and definitive diagnosis [4]
 - iii. Pathogen and pathogenesis [4]
 - iv. Clinical signs and sub-clinical signs [4]
 - v. Aetiology and epidemiology [4]
- b. Discuss the various ways that can be used to control livestock diseases [20]
- c. For a bacterial disease of your choice which affect cattle, write about the following
 - a. Aetiology and transmission, [5]
 - i. Clinical signs [10]
 - ii. Differential diagnosis [10]
 - iii. Pathogenesis [10]
 - iv. Necropsy [10]
 - v. Prevention and control [10]
 - vi. Treatment [5]

END OF EXAMINATION PAPER

Define the following animal health terms
Pathogenesis