

UGANDA MARTYRS



UNIVERSITY

**NGETTA CAMPUS
FACULTY OF AGRICULTURE**

DIPLOMA IN ANIMAL PRODUCTION AND FARM MANEGEMENT

DAPM 2206: INTRODUCTION TO VETERINARY PATHOLOGY

YEAR TWO, SEMESTER ONE

FINAL EXAMINATION

Question 1:

Write detailed notes on the following topics:

- a) Necrosis (10 marks)
- b) Atrophy (5 marks)
- c) Hypertrophy (10 marks)

Question 2:

- a) Discuss a etiology, clinical signs, diagnosis and management of the following conditions:
 - i. Hemorrhage (10 marks)
 - ii. Anemia (10 marks)
- b) How would you manage oedema? (5 marks)

Question 3:

- (a) What would you consider to be the cause of infarcts and infarction? (5 marks)
- (b) How would you classify infarction? (5 marks)
- (c) How can infarction be minimized? (5 marks)
- (d) Briefly discuss gangrene (10 marks)

Question 4:

Gastritis is a common condition in animals.

- (a) What is gastritis then? (5 marks)
- (b) Suggest possible causes of gastritis. (5 marks)
- (c) How would you diagnose gastritis? (5 marks)
- (d) Suggest the best treatment and management approaches of gastritis (10 marks)

Question 5:

Salmonella is known to cause enteritis in all types of farm animals, birds and even humans.

- (a) Briefly outline the a etiology and pathogenesis of salmonellosis in animals (7 marks)
- (b) Provide clinical signs of salmonellosis. (5 marks)
- (c) How would you diagnose salmonellosis? (5 marks)
- (d) Suggest possible treatment and prevention of salmonellosis in the farm. (8 marks)

Question 6:

- (a) Colic is a common condition in horses by virtue of the anatomy of their digestive system;
 - i. What are the clinical signs of colic then? (6 marks)
 - ii. How would treat and manage a horse suffering from colic? (9 marks)
- (b) Quite commonly small animals suffer from obstruction of the gastrointestinal tract:
 - i. Suggest the possible causes of obstruction in these animals. (5 marks)
 - ii. How would you manage a case of obstruction in small animals? (5 marks)

Question 7:

Discuss the following disorders of the respiratory and cardiovascular systems:

- (a) Pneumonia (8 marks)
- (b) Pleurisy (7 marks)
- (c) Pericarditis (10 marks)

Question 8:

You have been presented with a 5-year old cow exhibiting much abdominal pain, arched back and reluctance to move. Your first impression is a condition of traumatic reticulo-peritonitis.

- (a) How would you confirm your diagnosis? Give a detailed account. (10 marks)
- (b) What could have caused the problem? (5 marks)
- (c) What treatment would you give the cow? (5 marks)
- (d) What preventive measures would you advise to farmer to undertake? (5 marks)

THE END