



*"Investing in Africa's future"*

**COLLEGE OF HEALTH AGRICULTURE AND NATURAL  
SCIENCES**

**NAAS406: ANIMAL HEALTH**

**END OF FIRST SEMESTER EXAMINATION  
NOVEMBER 2025**

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DURATION: 3 HRS**

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**INSTRUCTIONS**

Answer all questions in Section A and any **three** from Section B

Section A carries **40 marks** and each question in section B carries **20 marks**.

**SECTION A:** Answer **all** questions from this section.

**Question 1**

- a) Define the following terms:
- i. Anorexia. [2]
  - ii. Viremia. [2]
  - iii. Dyspnoea. [2]
  - iv. Zoonosis. [2]
  - v. Aetiology. [2]
- a) Give an outline of the one health concept. [3]
- b) Highlight the signs and symptoms of theileriosis. [4]
- c) Proffer control methods for dystocia. [4]
- d) Differentiate subcutaneous from intravenous drug administration. [4]
- e) Giving examples, highlight the causes of yolk sac infection in chicks. [6]
- f) Examine challenges presented by mange mites in pigs. [5]
- g) Using examples, explore the problems caused by any **one** (1) internal parasite of cattle. [4]
- [40]**

**SECTION B:** Answer any **three** (3) questions from this section.

**Question 2**

Discuss the causes of mastitis in dairy cattle. [20]

**Question 3**

Using examples, explore biosecurity measures that are critical at Afria University farm. [20]

**Question 4**

Discuss the causes of antimicrobial resistance in livestock production. [20]

**Question 5**

- a) Elaborate the causes of mastitis in dairy cattle. [5]
- b) Highlight the causes of pregnancy toxemia in small ruminants. [5]
- c) Explore the health challenges resulting from nutritional deficiencies in the pre-weaning stage in livestock production. [10]

**Question 6**

Analyse any **two** (2) bacterial diseases of cattle in terms of:

- i. aetiology. [4]
- ii. signs and symptoms. [6]
- iii. treatment. [6]
- iv. control. [4]

**END OF QUESTION PAPER!!!**