



*(University of Choice)*

**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)**

**MAIN CAMPUS  
UNIVERSITY EXAMINATIONS**

**2021/2022 ACADEMIC YEAR (REGULAR)  
THIRD YEAR SECOND SEMESTER MAIN EXAMS FOR DIPLOMA IN GENERAL  
AGRICULTURE**

**COURSE CODE: DAG 091  
COURSE TITLE: ANIMAL HEALTH**

**DATE: 22<sup>ND</sup> APRIL, 2022 TIME: 3-5PM**

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**INSTRUCTIONS TO STUDENTS**

**Answer all questions in section A**

**Answer any TWO questions in section B**

**Total marks=70**

*MMUST observes ZERO tolerance to examination cheating*

**SECTION A (30mks)**

- 1 a) Define the following terms as used in animal Health **(4mks)**
- i) Necropsy
  - ii) Virulence
  - iii) Diagnosis
  - iv) Resolution
- b) State and explain **THREE** methods of disease diagnosis **(6mks)**
2. a). Explain two types of recovery **(2mks)**
- b) Differentiate clinical examination from histological examination **(2mks)**
- c) Explain **FOUR** Ways of disease control **(4mks)**
- 3 a) State the causal organism for the following diseases. **(2mks)**
- i) Anaplasmosis
  - ii) Anthrax
  - iii) Foot and mouth disease
  - iv) Rabies
- b) Discuss East Coast Fever under the following sub headings **(8mks)**
- i) Transmission
  - ii) Signs
  - iii) Diagnosis
  - iii) Treatment and control
4. List **Two** rickettsial diseases that affect Cattle **(2mks)**

**SECTION B(40MKS)**

6. Discuss Anaplasmosis under the following Sub headings **(20mks)**
- i) Vector
  - ii) Causal organism
  - iii) Signs
  - iv) Treatment
  - v. Control

7. Discuss Ketosis under the following subheadings

**(20mks)**

- i) Definition
- ii) Etiology
- iii) Signs
- iv) Prevention
- v) Treatment

8. Discuss Anthrax under following sub headings

**(20mks)**

- i). Prevalence
- ii). Causes
- iii). Transmission
- iv). Signs
- v). Treatment and control

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author outlines the various methods used to collect and analyze the data. This includes both primary and secondary data collection techniques. The primary data was gathered through direct observation and interviews with key stakeholders. Secondary data was obtained from existing reports and databases.

The analysis phase involved using statistical software to identify trends and correlations within the data. The results show a clear upward trend in the number of transactions over the period studied. This is attributed to several factors, including increased market activity and improved infrastructure.

The final section provides a summary of the findings and offers recommendations for future research. It suggests that further studies should focus on the long-term sustainability of the current trends and the impact of external factors on the data.