



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya

Tel: +254(0) 799 529 958, +254(0) 799 529 959, + 254 (0) 712 524 293,

Website: [info@must.ac.ke](http://info@must.ac.ke) Email: [info@must.ac.ke](mailto:info@must.ac.ke)

---

## University Examinations 2024/2025

### SECOND YEAR FIRST SEMESTER EXAMINATION FOR CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

#### AAP 1212: BACTERIAL AND FUNGAL DISEASES

**DATE: JANUARY 2025**

**TIME: 1½ HOURS**

#### INSTRUCTIONS:

*Answer question **ONE** and any other **TWO** questions*

---

#### QUESTION ONE (30 MARKS)

- a) Highlight the predisposing factors of hemorrhagic septicemia in ruminants (5 Marks)
- b) Describe the necropsy findings of contagious caprine pleuropneumonia (5 Marks)
- c) Describe the predisposing factors for black quarter in cattle (5 Marks)
- d) Highlight five control measures for fowl typhoid (5 Marks)
- e) Outline the predisposing factors to pneumonia in livestock (5 Marks)
- f) State the causative agent of fowl cholera, giving three ways in which the disease is transmitted in poultry (5 Marks)

#### QUESTION TWO (15 MARKS)

Describe the etiology, clinical signs, differential diagnosis treatment and control of hemorrhagic septicaemia (15 Marks)

#### QUESTION THREE (15 MARKS)

- a) What are the problems and challenges encountered in the control and eradication of infectious diseases of livestock and poultry (12 Marks)?
- b) Give the etiological agents of the following diseases (3 Marks)
- i. fowl typhoid
  - ii. fowl cholera
  - iii. foot rot

#### **QUESTION FOUR(15MARKS)**

Discuss Tetanus under the following headlines

- i. Etiology (2 Marks)
- ii. Pathogenesis (5 Marks)
- iii. Control and prevention (5 Marks)
- iv. Treatment (3 Marks)