



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER

**SCHOOL OF NATURAL RESOURCES, TOURISM AND
HOSPITALITY**

**BACHELOR OF SCIENCE IN ANIMAL HEALTH AND
PRODUCTION**

COURSE CODE: AHP 4103

**COURSE TITLE: ANIMAL WELFARE ETHICS AND
LAW**

DATE: 2ND DECEMBER, 2022

TIME: 1100-1400

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions are compulsory.

This paper consists of 3 printed pages. Please turn over

All questions are compulsory.

1. a) State the '*5 Domains of Animal Welfare*'. (5 marks)
b) State the '*5 Freedoms of Animal Welfare*'. (5 marks)
c) Discuss parameters used in measuring animal welfare (10 marks)
2. a) Explain the difference between animal welfare and animal rights (5 marks)
b) Describe factors that influence human behavior and attitude towards animals. (15 marks)
3. a) Define the term 'pain' and list six physiological signs of pain. (7 marks)
b) Mention behavioral signs of pain in dogs, cats, cows, pigs, and equine. (5 marks)
c) Other than the Prevention of Cruelty to Animals Act Chapter 360 of the Kenyan Law, state eight (8) other Acts that protect the welfare of animals. (8 marks)
4. Using a livestock value chain of your choice as an example, discuss how poor animal welfare practices would lead to antimicrobial resistance. (20 marks)
5. a) Explain the difference between slaughter, culling and euthanasia (5 marks)
b) Discuss the shortcomings in animal welfare practice present in cattle slaughterhouses in Narok County, Kenya and how they can be addressed (15 marks)
6. Using a livestock value chain of your choice as an example, discuss how poor animal welfare practices would lead to emergence of novel zoonotic infections/pathogens (20 marks)

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