



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**FOURTH-YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCE TOURISM  
AND HOSPITALITY**

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

**COURSE CODE AHP 4106-1**

**COURSE TITLE: PUBLIC HEALTH**

**DATE: 11/12/2023**

**TIME: 1100-1400 HRS**

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## **INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions

## **PUBLIC HEALTH [120 Marks]**

1. Identify and elaborate on the major challenges facing the development of Veterinary Public Health in Kenya (20 Marks)
2. Provide a list of 4 zoonotic diseases that can be identified through meat inspection, and explain the process of arriving at a preliminary diagnosis during inspection (20 marks)
3. Provide an example of one chemical, one toxin, one protozoal, and one fungal milk contaminant. Indicate the stage in the value chain where contamination can take place and describe preventive measures to avoid such contamination. (20 marks).
4. Discuss any four bacterial foodborne infections caused under the below subheadings (20 marks)
  - a. Aetiology
  - b. Mode of transmission
  - c. Clinic signs in man
  - d. Prevention
5. Discuss any four foodborne intoxications under the below subheadings (20 marks)
  - a. Aetiology
  - b. Mode of transmission
  - c. Clinic signs in man
  - d. Prevention
6. Discuss the judicious use of antimicrobials in food animals in order to avert antimicrobial resistance (20 marks)

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