



(University of Choice)

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

**MAIN CAMPUS
MAIN EXAMINATIONS**

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN ANIMAL
PRODUCTION AND PROCESSING**

COURSE CODE: AAH 304

**COURSE TITLE: PRINCIPLES OF PHARMACOLOGY AND
TOXICOLOGY**

DATE: 8.04.2024

TIME: 11.30-1.30PM

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in section A and ANY TWO questions in section B

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

SECTION A SHORT ANSWER QUESTIONS (30 MARKS)

- 1) Highlight the factors considered during drug classification (6 marks)
- 2) Name the key qualitative aspects of drug action (6 marks)
- 3) Name the basic types of drug action (6 marks)
- 4) Outline methods by which drugs pass across biological membranes (6 marks)
- 5) Highlight six (6) potential sources of toxicities (6 marks)

SECTION B ESSAY QUESTIONS (40 MARKS)

- 6) Write an essay on poison prevention and control strategies (20 marks)
- 7) Discuss the mechanisms of drug elimination from the body (20 marks)
- 8) Discuss the main kinds of drug binding targets (20 marks)