



(University of Choice)

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

**MAIN CAMPUS
MAIN EXAMINATIONS**

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

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

COURSE CODE: AAH 121

COURSE TITLE: PARASITOLOGY

DATE: 9.04.2024

TIME: 3-5PM

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 effects of parasites on hosts (6 marks)
- 2) Give one definitive host and one symptom of infection by each of the following parasites:
 - a) *Trypanosoma spp*
 - b) *Eimeria spp*
 - c) *Babesia spp* (6 marks)
- 3) State the control measures for each of the following parasites:
 - a) *Fasciola hepatica*
 - b) *Theileria parva*
 - c) *Cysticercus bovis* (6 marks)
- 4) Name any three ecto-parasites of livestock, stating one host species of each (6 marks)
- 5) Name one host and state the predilection site for each of the following parasites:
 - a) *Moniezia expansa*
 - b) *Rhipicephalus appendiculata*
 - c) *Paramphistomum sp* (6 marks)

SECTION B ESSAY QUESTIONS (40 MARKS)

- 6) Describe the life cycle of the beef tapeworm (*Taenia saginata*) (20 marks)
- 7) Write an essay on factors that have led to the success of Platyhelminthes as parasites (20 marks)
- 8) Describe principles of control of parasitic infections (20 marks)