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AAH 121 PARASITOLOGY



(University of Choice)

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

**MAIN CAMPUS  
MAIN EXAMINATIONS**

**UNIVERSITY EXAMINATIONS  
2022/2023 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: 12.04.2023**

**TIME: 3 – 5PM**

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**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) Explain different types of parasitic relationships **(6 marks)**
- 2) Outline different routes of parasitic infections **(6 marks)**
- 3) State the difference between each of the following terminologies:
  - a) Definitive host and intermediate host
  - b) Adult tapeworms and larval tapeworms
  - c) *Taenia saginata* and *Cysticercus bovis* **(6 marks)**
- 4) State the host and mode of transmission for each of the following parasites:
  - a) *Moniezia expansa*
  - b) *Babesia canis*
  - c) *Taenia solium* **(6 marks)**
- 5) Name one host and state the predilection site for each of the following parasites:
  - a) *Fasciola hepatica*
  - b) *Echinococcus granulosus*
  - c) *Ascaris diagalii* **(6 marks)**

**SECTION B ESSAY QUESTIONS (40 MARKS)**

- 6) Describe the life cycle of a typical trematode **(20 marks)**
- 7) Write an essay on factors that have led to the success of nematodes **(20 marks)**
- 8) Give a comparative account of the life cycle of a named trematode with that of a nematode **(20 marks)**