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(University of Choice)

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

**MAIN CAMPUS
SUPPLEMENTARY/SPECIAL EXAMINATIONS**

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE AND
BIOTECHNOLOGY**

COURSE CODE: AAH 302

**COURSE TITLE: ANIMAL DISEASES, PARASITES AND
HEALTH MANAGEMENT**

DATE: 25.7.2022

TIME: 2-4 PM

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 (ANSWER ALL QUESTIONS (30 MARKS))

1. Highlight economic effects of livestock diseases (6 marks)
2. Name the host defense mechanisms available against respiratory disease causing agents and state mechanisms of the agent evasion of the host defense (6 marks)
3. Outline principles of control of livestock infectious diseases (6 marks)
4. State one vector and one symptom for each of the following animal diseases in a named host:
 - a) Fowl typhoid (2 marks)
 - b) New castle (2 marks)
 - c) Theileriasis (2 marks)
5. Outline the life cycle of a typical trematode (6 marks)

SECTION B ANSWER ANY TWO QUESTIONS (40 MARKS)

6. Discuss the factors that may lead to the failure of a vaccine (20 marks)
7. Give an account of protozoan diseases in poultry (20 marks)
9. Discuss the steps that one has to follow if he has to introduce a new animal in his population of livestock (20 marks)