(*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 IN FISHERIES AND AQUACULTURE

COURSE CODE: **AAF 121**

COURSE TITLE: **AQUATIC PARASITOLOGY**

DATE: **25.04.2024** **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

SECTION A SHORT ANSWER QUESTIONS (30 MARKS)

1) Highlight various modes of parasite classification (6 marks)

2) State and briefly describe six symptoms of named parasite infection of fishes (6 marks)

3) Name six parasite categories that attack fishes in fresh water ecosystems, giving one specific example in each case (6 marks)

4) Highlight the stages of the life cycle of the fish tapeworm *Diphyllobothrium spp* (6marks)

5) Give two examples of trematode parasites of fishes and highlight general effects of trematode infestations on fishes (6 marks)

SECTION B ESSAY QUESTIONS (40 MARKS)

6) Discuss the principles of control of parasites in a fish pond (20 marks)

7) Write an essay on the ecto-parasites of fishes (20 marks)

8) Write an essay on arthropod parasites of fishes (20 marks)