

30
AAF 100



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

**UNIVERSITY EXAMINATION
2023/2024 ACADEMIC YEAR**

**FIRST YEAR MAIN EXAMINATION
FIRST SEMESTER EXAMINATIONS
MAIN EXAMINATION**

**FOR THE DEGREE OF B.SC. IN:
FISHERIES AND AQUACULTURE**

COURSE CODE: AAF 100

**COURSE TITLE: INTRODUCTION TO FISHERIES
RESOURCES**

DATE: 21.12.23

TIME: 12-2PM

INSTRUCTIONS TO CANDIDATES

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

MMUST observes ZERO tolerance to examination cheating

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

AAF 100

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

- 1) Outline the features that define a fish (3Marks)
- 2) Differentiate between physiological and behavioral adaptations of fish (3Marks)
- 3) State briefly three reasons for practicing aquaculture (3Marks)

- 4) Name and explain the three aquatic environments that are used to practice aquaculture(3Marks)
- 5) Explain any three factors considered when choosing data collection methods for fisheries science research. (3Marks)

- 6) Explain briefly any three sources of fisheries data. (3Marks)
- 7) Explain the reasons for policy evaluation (3Marks)
- 8) (a) Explain why environmental factors play an important role in fish diseases (1Mark)
(b) Explain any two clinical signs of parasitic diseases in fish (2 Marks)
- 9) State three differences between marine and freshwater environments (3Marks)
- 10) Explain briefly three ecological functions of coral reefs (3Marks)

SECTION B (40 MARKS)

- 1) Discuss the history and present status of fish farming in Kenya. (20 Marks)
- 2) Discuss the threats to wetlands and the management measures. (20 Marks).
- 3) What are the factors that led to the evolution of the second United Nations Convention of the Laws of the Sea (UNCLOS II)? (20 Marks)