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AAF 323



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

**SCHOOL OF AGRICULTURE, VETERINARY SCIENCES AND TECHNOLOGY
(SAVET)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

**SUPPLEMENTARY EXAMS
OF
BACHELOR OF (FISHERIES AND AQUACULTURE)**

COURSE CODE: AAF 323

COURSE TITLE: ORNAMENTAL AND RECREATION FISHERIES

DATE: 11.04.2023

TIME: 8-11AM

INSTRUCTIONS TO CANDIDATES

This paper is divided into two sections, **A and B**. Answer ALL Questions in SECTION A and any Two in SECTION B

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over

SECTION A: ANSWER ALL QUESTIONS (40 MARKS)

- Q1. (a) Define the term ornamental fishery. (2 mks)
 (b) Name four (4) fish species commonly kept as Ornamental Fish in Kenya (4mks)
- Q2. Explain any three challenges that can hinder development of ornamental and recreational fisheries in Kenya. (6 mks)
- Q3. Explain the strategies that can be applied in conserving recreational fisheries. (4 mks)
- Q4. Explain the importance of investing and the development of ornamental fisheries (6mks)
- Q5. Outline the potential benefits and risks of adopting new technologies in ornamental fish production and trade. (6 mks)
- Q6. Explain the different approaches that can be used to regulate recreational fisheries. (6mks)
- Q8. Explain three Best management practices (BMPs) in ornamental and recreational fisheries production. (6mks)
- SECTION B**
- Q9. Discuss the role of governmental policies and regulations in shaping the economic landscape of ornamental fisheries (15mks)
- Q10. Discuss the factors you would consider when choosing an aquaria for ornamental fish. (15mks)
- Q11. Discuss how policymakers can incentivize the adoption of sustainable practices while balancing economic interests and environmental concerns (15mks)
- Q12. Discuss the policies employed in inland water bodies in order to enable sustainable recreational fisheries management (15mks)