



“Investing in Africa’s Future”

COLLEGE OF HEALTH, AGRICULTURE & NATURAL SCIENCES

DEPARTMENT OF ENVIRONMENTAL STUDIES AND NATURAL RESOURCES

NAWL 404: FRESHWATER ECOLOGY AND FISHERIES MANAGEMENT

END OF FIRST SEMESTER FINAL EXAMINATIONS

NOVEMBER/DECEMBER 2022

LECTURER: MS. M. C. KUREHWATIRA

DURATION: 3 HOURS

INSTRUCTIONS

- Answer **Question 1** and any **THREE** questions of your choice.

Question 1

Assuming you are an environmental management consultant, you are presented with a proposal to construct a dam along a major river in your country. Discuss any five potential impacts of damming the river and the potential mitigation strategies to the impacts identified. **[25 marks]**

Question 2

Assuming that you are the fisheries manager in your country, discuss five constraints that might be faced by organisations when managing fisheries and suggest possible solutions to these constraints. **[25 marks]**

Question 3

With reference to an Africa country, discuss the importance of freshwater ecosystems in the country. **[25 marks]**

Question 4

Give a detailed description of the freshwater ecosystems in Africa. In your description include; wetlands, lotic and lentic ecosystems. **[25 marks]**

Question 5

- a) Fisheries management is an integrated process. Discuss. **[15 marks]**
- b) Give a critique of the river continuum concept. **[10 marks]**

Question 6

Describe in detail the processes that you would follow in order to successfully manage fisheries in your country. **[25 marks]**

END OF EXAMINATION PAPER