



“Investing in Africa’s Future”

COLLEGE OF HEALTH, AGRICULTURE AND 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

Discuss using examples from Africa, any five threats to freshwater ecosystems and highlight how the threats can be mitigated.

[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

Assuming you are an environmental management expert in your country, write a report to the ministry responsible for water resources management in your country justifying the conservation of freshwater ecosystems.

[25 marks]

Question 4

Describe in detail the status of freshwater ecosystems in Africa.

[25 marks]

Question 5

Assuming you are the director of fisheries in your country;

a) Give a detailed outline of the fisheries management objectives for your country.

[10 marks]

b) With the aid of a diagram, describe the fisheries management process you would recommend in your country. Provide justification for the selected fisheries management process.

[15 marks]

END OF EXAMINATION PAPER