



KENYATTA UNIVERSITY

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

(AGRICULTURAL RESOURCES MANAGEMENT)

KRM 205 : AQUATIC RESOURCE MANAGEMENT

2ND SEMESTER 2020/2021

TIME: 2 HOURS

INSTRUCTIONS: answer all the questions in section A and any two from section B

SECTION A

1. List five major categories of fish. (5 marks)
2. What are the functions of an aquatic ecosystem. (5 marks)
3. List five reasons for monitoring water quality. (5 marks)
4. State five important roles that Aquatic plants plays in supporting aquatic systems. (5 marks)
5. State five effects of dam construction and operations on fisheries and aquatic habitat. (5 marks)
6. State five desirable characteristics for cultured fish species. (5 marks)
7. List five factors that should be considered when selecting fish species suitable for farming. (5 marks)
8. What measures can you employ to keep your pond 'predator free'. (5 marks)

SECTION B

Answer only two questions (30 marks)

9. Discuss the principles of aquatic resources management and various challenges faced in management of aquatic ecosystems. (15 marks)
10. Explain the effects of Agricultural activities on aquatic resources. (15 marks)
11. Discuss the desirable features of a good pond and explain how a farmer can maintain his/her pond for optimum fish production. (15 marks)