MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

THIRD YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE IN FISHERIES AND AQUACULTURE AND BACHELOR OF SCIENCE IN AQUATIC RESOURCES CONSERVATION AND DEVELOPMENT WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

AFN 311: LAKE VICTORIA FISHERIES STUDIES: FISHERIES AND FISH TRADE

Date: 6th December, 2016   Time: 3.30 - 6.30 pm

INSTRUCTIONS:

- Answer ALL questions in SECTION A and in SECTION B answer question 9 and any other THREE questions.

Section A: Answer ALL questions from this section   (40 marks)

1. a) Name **four** species of fish that were introduced into Lake Victoria in the 1950s and which the decline of the fish species of the Lake is attributed to. 2marks
   b) Enumerate the three main commercial fish species of Lake Victoria 3marks

2. State **five** indicators of over-exploitation of Nile perch in Lake Victoria 5marks

3. Outline any **five** functions of the Beach Management Unit (BMUs) 5marks

4. Outline some of the challenges that are experienced in the fisheries post-harvest sector (5marks)

5. State **five** international markets for Nile perch fish products from Lake Victoria 5marks

6. a) Give three examples of prohibited fishing methods in Lake Victoria 3marks
   b) Explain the difference between prohibited fishing methods and prohibited fishing gears 2 marks

7. a) Briefly explain the importance of the closed fishing season for Dagga in Lake Victoria 3marks
   b) What is the difference between closed fishing season and closed fishing areas 2marks

8. a) Define Ecosystem management in relation to fisheries resource management 3 marks

   b) State any **four** requirements of ecosystem management 2marks

Section B: Answer question 9 which is compulsory and any three questions from this section

9. Describe the BMU Election Process (9 marks)

10. Explain the role of the State Department of Fisheries in ensuring sustainable fisheries management in Kenya. (7 marks)

11. a). Discuss the Economic and Social importance of Lake Victoria (7marks)

12. Discuss the socio-economic and environmental importance and challenges posed by fishing in Lake Victoria (7 marks)

13. Discuss the post-harvest handling and processing of dagga, highlighting the different drying methods from the time of its harvesting. (7 marks)