

MASENO UNIVERSITY **UNIVERSITY EXAMINATIONS 2016/2017**

SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN FISHERIES AND AQUACULTURE AND BACHELOR OF SCIENCE IN AQUATIC RESOURCE CONSERVATION & DEVELOPMENT WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

AFN 316: PRPFESSIONALISM IN FISHERIES AND ENVIRONMENTAL SCIENCES

Date: 20th June, 2017

Time: 8.30 - 11.30am

INSTRUCTIONS:

 Answer ALL Questions in section A and Question 9 and any other THREE in section B.

Illustrate your answers with well labeled diagrams where appropriate.

ISO 9001:2008 CERTIFIED



SECTION A (40 marks)

- Q1. Compare the terms Professionalism and Profession. (5 Marks)
- Q2. State any five attributes of a professional. (5 Marks)

- Q3. Explain how one can build expertise in fishery profession. (5 Marks)
- Q4. Explain how a professional should deal with a situation that fall outside "comfort zone". (5 Marks)
- Q5. Distinguish between an <u>Associate Fisheries Professional</u> and a <u>Certified</u> <u>Fisheries Professional</u>. (5 Marks)
- Q6. A fishery professional found that the fisheries administration was partly to blame for it's problem of declining of it fished species. Explain how this could be so. (5 Marks)
- Q7. State any two problematic areas each in aquaculture and capture fisheries to which a fishery scientist can be called upon to address. (5 Marks).
- Q8. As a fisheries scientist, you have been asked to help solve the problem of the decline in fishery resources of Lake Victoria. Explain the initial steps towards dealing with this problem. (5 Marks)

SECTION B (30 marks)

- Q9 (a). State and explain each of the three goals in the global management of fisheries. (4 Marks)
 - (b). Explain evidence that support the advancement towards achieving or realizing goals stated in "a" above. (5 Marks)
- Q10. (a). Explain the fact that the science of fisheries is a multidisciplinary subject. (4 marks).

- (b). Provide subject guidelines toward professional certification in the fisheries profession. (3 marks)
- Q11 (a). Explain the practice of certification of professions. (3 Marks)
 - (b). Explain the role of certification for individuals in the fisheries profession. (4 Marks)
- Q12. (a). State the main objective for founding (in 1870) of the American Fisheries Society. (3 Marks)
 - (b). State the activities of the American Fisheries Society that strive to promote the inclusion of women in the fisheries profession. (4 Marks)
- Q13. Make a critical overview on the gender disparity in the fishery profession. (7 Marks)