



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2016/2017**

**FOURTH 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 407: INTERNATIONAL STRUCTURE IN THE  
MANAGEMENT AND CONSERVATION RESOURCES**

Date: 1<sup>st</sup> December, 2016

Time: 12.00 - 3.00 pm

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**INSTRUCTIONS:**

- Answer ALL questions in SECTION A and in SECTION B answer question 9 and any other THREE questions.
- Illustrate your answers with well labeled diagrams where appropriate.



**SECTION A: Answer ALL Questions in this section (40 Marks)**

1. A stock can be described as transboundary and straddling. Explain. (5 marks)
2. Outline the objectives of the FAO Code of Conduct for Responsible Fisheries as stated in article 2. (5 marks)
3. The changing climate has adversely affected inland and offshore fisheries. Explain. (5 marks)
4. Briefly comment on 'population dynamics' with reference to fish stocks. (5 marks)
5. Outline any five technical regulations applied in the management of fisheries. (5 marks)
6. Briefly comment on the Harvest Control Rules (HCR). (5 marks)
7. Outline the advancements that led to the international structure of management. (5 marks)
8. Fisheries management has political and international objectives. Briefly comment. (5 marks)

**SECTION B:**

**Answer QUESTION 9 (compulsory), and any other THREE Questions in this Section.**

9. Describe the structure and content of 'United Nations agenda 21'. (9 marks)
10. Discuss the success and failures of Regional Fisheries Management Organizations (RFMO's) with reference to the international Pacific halibut commission. (7 marks)
11. Describe the fisheries management mechanisms. (7 marks)
12. There exists, 'ecological links between aquaculture and wild fish stocks'. Discuss. (7 marks)
13. Outline the provisions of United Nations Convention on the Law of the Sea, UNCLOS III. (7 marks)