



UNIVERSITY OF RUHUNA
FACULTY OF FISHERIES AND MARINE SCIENCES & TECHNOLOGY
Academic Year 2022/2023

Bachelor of Science Honors in Fisheries and Marine Sciences Degree

Level III Semester I Examination -April/May 2024

FSH 3113 – Capture Fisheries

Time: 02 hours

Answer question 01 and any three (03) other questions only

01. Provide short answers to all parts.

- a) List three tuna species considered important to the world capture fisheries. (03 marks)
- b) Mention the classification of the FAO major fishing regions according to the geographical distribution and upwelling. Provide an example for each. (04 marks)
- c) Define the terms RFMO and RFAB. (03 marks)
- d) Mention the 02 types of RFMO, giving 02 examples for each. (02 marks)
- e) *Mention the countries that exploit fishery resources from the Mekong River Basin and the African Great Lakes. (05 marks)
- f) Explain how variation in temporal patterns of fish landings reveal important information on fish stock status. (05 marks)
- g) Classify the fish landing sites by giving suitable examples. (06 marks)
- h) What are the reasons for decreasing the spiny lobster population in Sri Lanka? Mention the actions taken by the Sri Lankan government to overcome them. (09 marks)
- i) List the 03 institutes responsible for monitoring and governing marine fishery resources in Sri Lanka. (03 marks)

j) Name the inland fisheries enhancement practices found in Sri Lanka.

(05 marks)

k) Explain the four major steps for sustainable implementation of culture-based fisheries.

(05 marks)

02. "World inland capture fishery production is an important source for food security." Justify this statement with suitable examples.

(50 marks)

03. Explain the status of marine fishery production, including the trends in biologically sustainable and unsustainable fish stocks, with the help of FAO's major fishing regions

(50 marks)

04. Discuss the status of the Sri Lankan marine fishery sector concerning the recent decade and providing suitable examples.

(50 Marks)

05. Write a comprehensive discussion on the enhancement of inland fisheries in Sri Lanka through introduction of exotic species.

(50 marks)

06. Write short accounts on **any four (04)** of the following.

(50 marks)

- i. Global distribution of motorized and non-motorized fishing vessels
- ii. Role of women in the world capture fisheries
- iii. Shrimp fishery in Sri Lanka
- iv. Household fish consumption in Sri Lanka.
- v. Threats for the inland fisheries in Sri Lanka

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@

