



UNIVERSITY OF RUHUNA

FACULTY OF FISHERIES AND MARINE SCIENCES & TECHNOLOGY

Academic Year 2022/2023

Bachelor of Science Honours in Fisheries and Marine Sciences Degree

Level IV Semester I Examinations – April/May 2024

FSH 4112: Fish Post Harvest Technology and Quality Assurance of Fishery Products

Time: 1 hour and 30 minutes

Answer all questions in Part A and Part B

Part B

01.

- I. What is meant by 'Quality Control' and 'Quality Assurance' of fish and fishery products?
(05 marks)
- II. Differentiate the intrinsic quality and extrinsic quality of fish.
(05 marks)
- III. "As most of the food are captured from the wild, it is difficult to actively control the intrinsic quality of fish in the fishing industry." Justify this statement with the aid of suitable examples.
(40 marks)

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

- I. Quick freezing and Slow freezing
- II. Identification of CCPs using decision tree.
- III. Main principles applied for HACCP plan preparation.
- IV. Biochemical changes occurring in the process of fish freezing.
- V. Production of fish meal as a value-added product.

(50 marks)

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