



Faculty of Agriculture
Rajarata University of Sri Lanka
Puliyankulama

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Bachelor of Science Honours in Agriculture [2019/2020]
Year III Semester II – End Semester Examination – Jan./Feb. 2025

AF 3209 – Fish Processing Technology
Part II (Essays)

Instructions: Answer all questions.
Each question carries equal marks.

Time: 1 h

Total marks: 50

1. The ABC Company operates vessels for harvesting tuna and has processing factories for further processing of Tuna. Furthermore, they send fresh Tuna to the local retail stores while exporting processed Tuna to European countries. However, they have noticed significant losses along the value chain, from harvesting to reaching the consumer. You have been tasked with investigating postharvest losses in the Tuna value chain and developing mitigation solutions.
 - a). Explain the potential losses that occurred in the given tuna value chain. (09 marks)
 - b). Discuss the steps in the loss assessment method to be followed. (09 marks)
 - c). Describe strategies to minimize the postharvest losses in the given tuna value chain. (07 marks)
2. Write a short note on the following topics.
 - a). Chilling operation in onboard handling of fish. (12.5 marks)
 - b). Biochemical composition of fish proteins. (12.5 marks)