UNIVERSITY OF RUHUNA

FACULTY OF FISHERIES AND MARINE SCIENCES & TECHNOLOGY

Academic Year 2023/2024

Bachelor of Science Honours in Fisheries and Marine Sciences Degree

Bachelor of Science Honours in Marine and Freshwater Sciences Degree

Level III Semester I Examinations – October/ November 2024

LIM 3152: Wastewater Treatment Technology **Time: 1 hour and 30 minutes**

Part B

Use separate writing papers /a book to answer the questions in this section

1. "The primary function of emergent hydrophytes in a wetland is not to remove nutrients and other pollutants through plant uptake". Justify this statement considering the role of hydrophytes in wastewater treatment.

(100 Marks)

2. i. Briefly describe the three common biological processes that happen in biological wastewater treatment.

(50 Marks)

ii. Discuss the crucial factors to be considered when designing a biological wastewater treatment plant for a given industry. (50 Marks)

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