



University of Ruhuna- Faculty of Technology
Bachelor of Biosystems Technology Honours
Level 4 (Semester I) Examination, June / July 2023
Academic year 2021 / 2022

Course Unit: BSTF 4142 Fisheries Technology (Theory)

Duration: 1 hour and 30 minutes

Student No:

Answer Three (03) questions only

Question 1

- I. What are Fish Aggregating Devices (FADs)? **(10 Marks)**
- II. Briefly elucidate the negative impacts of utilization of FADs in fishing operations. **(30 Marks)**
- III. Compose an essay on the sustainable practices that can be applied in minimizing negative effects of FADs. **(60 Marks)**

Question 2

- I. Illustrate the different types of trawl nets, **(20 Marks)**
- II. Point out the destructive effects of operation of trawl nets. **(20 Marks)**
- III. Summarize the possible modifications that can be introduced to minimize the negative impacts of trawl nets. **(60 Marks)**

Question 3

Compose an essay on “different boat constructing methods”. **(100 Marks)**

Question 4

Write short notes on following.

- I. Active fishing gears Vs. passive fishing gears (25 Marks)
- II. Drift gillnet Vs. Fixed gill nets (25 Marks)
- III. Classification of lift nets (25 Marks)
- IV. Types of boat construction materials (25 Marks)

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