



FACULTY OF FISHERIES AND MARINE SCIENCES & TECHNOLOGY

Academic Year 2023/2024

Bachelor of Science Honors in Fisheries and Marine Sciences Degree

Level III Semester I Examination - October/November 2024

FSH 3121: Fishing Gear & Craft Technology

Time: 1 hour and 15 minutes

Answer any two (02) questions.

01.

- a) What are the **three (03)** main types of fishing methods in the world? (05 marks)
- b) Briefly describe the types of surrounding nets used in fishery industry. (30 marks)
- c) Compare and contrast the following pairs of fishing gears separately with respect to the structure, classification, target species and operation procedures.
 - i. Trawl net and Gill net
 - ii. Dredges and Trolling line (65 marks)

02.

- a) Briefly describe the **three (03)** main dimensions that are needed to provide the cost for shipping. (10 marks)
- b) Elucidate the operational cycle of four stroke engine of a fishing vessel. (25 marks)
- c) "FRP/ GRP can be considered as one of the best boat construction materials". Justify. (65 marks)

03. Write short accounts on any **three (03)** of the following.

- a) Factors which affect the design of fishing vessel.
- b) Advantages of plywood in boat construction.

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Bachelor

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b.

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