

MSc DEGREE END SEMESTER EXAMINATION- MARCH 2025**SEMESTER 4 : AQUACULTURE AND FISH PROCESSING****COURSE : 21P4AQCT12 : FISHING TECHNOLOGY***(For Regular - 2023 Admission and Supplementary 2022/2021 Admissions)*

Duration : Three Hours

Max. Weights: 30

PART A**Answer any 8 questions****Weight: 1**

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| 1. | Define GRT. | (U, CO 2, CO 4) |
| 2. | What is sheathing? | (U, CO 6) |
| 3. | What is flare ? | () |
| 4. | What is meant by FRP ? | (U, CO 2, CO 4) |
| 5. | What is GIS? How is it useful in navigation? | (U, CO 8) |
| 6. | What is the difference between motorized and mechanized fishing vessels? | (An, CO 2, CO 4) |
| 7. | What is pair trawling? Why is pair trawling banned in India? | (U, CO 3, CO 5) |
| 8. | Functioning of Surrounding gear. | (U, CO 3, CO 5) |
| 9. | What is suberkrub otterboard? | (U, CO 1, CO 3) |
| 10. | What is marine fouling? | (U, CO 2, CO 4, CO 6) |
| | | (1 x 8 = 8) |

PART B**Answer any 6 questions****Weights: 2**

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| 11. | Explain Natural fishing gear materials. | (U, CO 3, CO 5) |
| 12. | Explain painting schedule for a wooden fishing boat. | (E, CO 2, CO 4, CO 6) |
| 13. | What is Deep sea trawling ? | (U, CO 2, CO 3, CO 4, CO 5) |
| 14. | Comment on floats and sinkers. | (U, CO 1, CO 3) |
| 15. | Briefly explain Electronic devices for navigation. | (U, CO 7) |
| 16. | Compare a stern trawler and a side trawler. | (An, CO 2, CO 3, CO 4, CO 5) |
| 17. | Briefly explain different types of corrosion and preventive measures. | (E, CO 6) |
| 18. | Give a note on advantages and disadvantages of wood as a boat building material. | (U, CO 2, CO 4) |
| | | (2 x 6 = 12) |

PART C
Answer any 2 questions

Weights: 5

19. Explain Mould lofting for wooden fishing boats. (U, CO 6)
20. Write an essay on responsible fishing techniques. (U, CO 1, CO 2, CO 3, CO 4, CO 5)
21. What is 'FAD'? Write their impact on fisheries?. (E, CO 7)
22. Write an essay on different types of fishing gear used for closed water systems. (U, CO 3, CO 5)
(5 x 2 = 10)

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Wt.
CO 1	Understand the basic principles of capture of fin fishes and crustaceans from inland ,marine as well as from closed water system	E	9, 14, 20	8
CO 2	Describe different types of fishing crafts	U	1, 4, 6, 10, 12, 13, 16, 18, 20	17
CO 3	Describe different types of fishing gears	U	7, 8, 9, 11, 13, 14, 16, 20, 22	21
CO 4	Understand the different materials used for the construction of fishing crafts	U	1, 4, 6, 10, 12, 13, 16, 18, 20	17
CO 5	Understand different materials used for the construction of fishing gears	U	7, 8, 11, 13, 16, 20, 22	18
CO 6	Understand the marine fouling and corrosion in fishing boats and their maintenance	U	2, 10, 12, 17, 19	11
CO 7	Understand the basic principles of navigation	U	15, 21	7
CO 8	Understand the different fish finding devices	U	5	1

Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;