

M.Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2026**SEMESTER 4 : AQUACULTURE AND FISH PROCESSING****COURSE : 24P4AQCT12 : FISHING TECHNOLOGY***(For Regular 2024 Admission)*

Time : Three Hours

Max. Weights: 30

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

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| 1. | Explain Lobster trap. | (U, CO 3, CO 5) |
| 2. | What is meant by FRP ? | (U, CO 2, CO 4) |
| 3. | What is GIS? How is it useful in navigation? | (U, CO 8) |
| 4. | What are frame net ? | (U, CO 1, CO 3) |
| 5. | What is the difference between motorized and mechanized fishing vessels. | (An, CO 2, CO 4) |
| 6. | What is caulking ? | (U, CO 2, CO 4) |
| 7. | What are net haulers ? | (U, CO 3, CO 5) |
| 8. | List out three indigenous marine gears of Kerala. | (U, CO 3, CO 5) |
| 9. | What is primary wood? | (U, CO 2, CO 4, CO 6) |
| 10. | What is eco-integration in ecosounder ? | (U, CO 8) |
| | | (1 x 8 = 8) |

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

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| 11. | Detail marine fouling and preventive measures. | (U, CO 6) |
| 12. | What are Entangling nets ? | (U, CO 3) |
| 13. | Comment on "Life Saving Appliances" in a fishing boat. | (U, CO 7) |
| 14. | What are the different steps taken to control corrosion in fishing vessels made of steel? | (U, CO 2, CO 4, CO 6) |
| 15. | What is sextant? | (U, CO 7) |
| 16. | Comment on Low energy fishing techniques. | (R, CO 1, CO 3) |
| 17. | Explain plankton. | (U, CO 2, CO 4) |
| 18. | Explain about Synthetic fibers. | (U, CO 3, CO 5) |
| | | (2 x 6 = 12) |

PART C
Answer any 2 questions

Weights: 5

19. Write an essay on fishing gear materials. (U, CO 5)
20. Explain with suitable diagram, the deck arrangements, equipment and operation of a modern gillnetter. (U, CO 1, CO 2, CO 3, CO 4)
21. What is pair trawling? Explain in detail with a suitable figure. (U, CO 3, CO 5)
22. Explain different types of marine corrosion with suitable examples and control measures. (U,CO6)

(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	4, 16, 20	8
CO 2	Describe different types of fishing crafts	U	2, 5, 6, 9, 14, 17, 20	13
CO 3	Describe different types of fishing gears	U	1, 4, 7, 8, 12, 16, 18, 20, 21	20
CO 4	Understand the different materials used for the construction of fishing crafts	U	2, 5, 6, 9, 14, 17, 20	13
CO 5	Understand different materials used for the construction of fishing gears	U	1, 7, 8, 18, 19, 21	15
CO 6	Understand the marine fouling and corrosion in fishing boats and their maintenance	U	9, 11, 14	5
CO 7	Understand the basic principles of navigation	U	13, 15	4
CO 8	Understand the different fish finding devices	U	3, 10	2

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