

Reg. No

Name

24P4010

M. Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2024

SEMESTER 4 - AQUACULTURE AND FISH PROCESSING

COURSE : 21P4AQCT12 - FISHING TECHNOLOGY

(For Regular - 2022 Admission and Supplementary - 2021 Admission)

Duration : Three Hours

Max. Weights: 30

PART A

Answer any 8 questions

Weight: 1

1. What are selvages? (U, CO 3, CO 5)
 2. List out three indigenous marine gears of Kerala. (U, CO 3, CO 5)
 3. Echo sounder. (U, CO 8)
 4. What is a combination fishing vessel? (R, CO 2, CO 4)
 5. Explain Light fishing techniques. (U, CO 1, CO 3)
 6. What are "Outrigger canoes"? (U, CO 2)
 7. Explain crevice corrosion. (U, CO 6)
 8. What is primary wood? (U, CO 2, CO 4, CO 6)
 9. What is "Kattamaran" ? (U, CO 2, CO 4)
 10. What is a compass? (U, CO 7)
- (1 x 8 = 8)**

PART B

Answer any 6 questions

Weights: 2

11. Explain Purse seining and its advantages. (U, CO 3, CO 5)
 12. Painting schedules for fishing boats. (U, CO 6)
 13. What are the major foulers found in wooden fishing boats? How can fouling be controlled? (U, CO 4, CO 6)
 14. Explain Lofting. (E, CO 2, CO 4)
 15. What is square mesh webbing? How is it useful ? (U, CO 3, CO 5)
 16. What are Natural fibres ? Write about their advantages and disadvantages. (U, CO 3, CO 5)
 17. Comment on "Life Saving Appliances" in a fishing boat. (U, CO 7)
 18. Fishing using light. (U, CO 1, CO 3)
- (2 x 6 = 12)**

PART C
Answer any 2 questions

Weights: 5

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| 19. | Classify the mechanized fishing boats. | (An, CO 1, CO 2, CO 3, CO 4) |
| 20. | Explain basic principles of navigation. | (E, CO 7) |
| 21. | Explain in detail about otter trawling for capture of shrimps. | (U, CO 3, CO 5) |
| 22. | Explain the direct and indirect numbering system of yarn. | (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	5, 18, 19	8
CO 2	Describe different types of fishing crafts	U	4, 6, 8, 9, 14, 19	11
CO 3	Describe different types of fishing gears	U	1, 2, 5, 11, 15, 16, 18, 19, 21, 22	26
CO 4	Understand the different materials used for the construction of fishing crafts	U	4, 8, 9, 13, 14, 19	12
CO 5	Understand different materials used for the construction of fishing gears	U	1, 2, 11, 15, 16, 21, 22	18
CO 6	Understand the marine fouling and corrosion in fishing boats and their maintenance	U	7, 8, 12, 13	6
CO 7	Understand the basic principles of navigation	U	10, 17, 20	8
CO 8	Understand the different fish finding devices	U	3	1

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