QP CODE: 25024740

25024740

Reg No : .....

Name : .....

M.Sc DEGREE (CSS) EXAMINATION, APRIL 2025

Fourth Semester

M.Sc Fishery Biology and Aquaculture

ELECTIVE - AQ850401 - FISHING TECHNOLOGY

2019 ADMISSION ONWARDS

FF8F73D8

Time: 3 Hours Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Give the functions of motherships.
2. Which are the energy sourses of a propulsion system?
3. What are surrounding nets? Give examples.
4. Which are the existing Yarn numbering systems?
5. Which are the universal distress signals?
6. Comment on materials used for making ropes.
7. Write the purpose of basic safety training.
8. Which are species conservation methods?
9. What is diffused attenuation co effiecent and its applications?
10. Application of GIS in monitoring fishing effort and landing?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Describe various materials used for the construction of fishing vessels.
12. Explain the painting schedule of wooden fishing boats.
13. Give the method of operation of gill nets.
14. What are the design considerations for Gill net?

15. What are anchors? Explain different types with their uses.

16. Explain the position of craft or a vessel depending on the type of navigation and visibility.

17. Write notes on life saving appliances used in sea navigation.

18. Discuss the need for fish resource conservation and list different methods of conservation.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Describe various diesel and petrol marine engines.Add notes on starting system, fuel injection system and cooling system of engines.

20. Descirbe various enivronment stimuli on fish behaviour and fishing.

21. Give the principle, classification and application of satellite navigation.

22. Describe various strategies using for energy optimisation in fishing.

(2×5=10 weightage)