



QP CODE: 25024741



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, APRIL 2025

Fourth Semester

M.Sc Fishery Biology and Aquaculture

ELECTIVE - AQ850402 - AQUATIC TOXICOLOGY

2019 ADMISSION ONWARDS

D0ECBE79

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What is diatomaceous earth?
2. What is dinoflagellates?
3. Describe prymnesium.
4. Explain the common symptoms of malaria.
5. Discuss the important properties of marine cosmeceuticals.
6. Give an account on the environmental factors influenizing toxicity.
7. What is lethal dose?
8. What is antagonistic effect?
9. Briefly explain microcosm test.
10. Distinguish between dose and response.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a note on the techniques for preparation of dinoflagellates for identification.
12. Write a brief note on paralytic shellfish poisoning.
13. Give an account on ciguatera shell fish poisoning.





14. Give an account on cultural eutrophication.
15. Write an account on the classification of marine drugs.
16. Write a note on microalgae with immunomodulatory activity.
17. Write a brief note on pesticide cycle.
18. Briefly explain environmental monitoring types.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Give a detailed account on toxin analysis, algal toxins and bioassay methods.
20. Write an essay on ships ballast water.
21. Explain bioaccumulation and biomagnification.
22. Give an account on monitoring seafood and seafood safety regulation.

(2×5=10 weightage)

