

QP CODE: 25050766



Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION, DECEMBER 2025

First Semester

M.Sc Fishery Biology and Aquaculture

Core Courses - AQ030102 - AQUATIC ECOLOGY AND FISHERY BIOLOGY

2019 Admission Onwards

BE0AC4DB

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What is beaver ponds?
2. Discuss holoplankters and meroplankters?
3. What is meant by heavy metal pollution?
4. What is filter feeders?
5. What is pseudobranch?
6. What is meant by habenulae?
7. What is meant by gonadotropins?
8. Define polyandry.
9. What is meant by courtship?
10. What is meant by key scales?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a comparative account on population ecology and community ecology.
12. Write a short note on characteristics of lakes.
13. Write a short note on marine biota.
14. Write a short note on digestive system in crustacea.





15. Write a short note on respiration in prawns.
16. Write a short note on the formation of blood cells and its important functions in fishes.
17. Write a short note on role of hormone in relation to reproduction in prawns.
18. Write a short note on upwelling.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Write an essay on mangroves.
20. What is osmoregulation ? Explain osmoregulation in fishes.
21. Write an essay on gametogenesis in fishes.
22. Explain the the behavioural changes in fishes.

(2×5=10 weightage)

