

22P412

(Pages: 2)

Name:

Reg.No:

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ZOL4 E10 - FISHERY SCIENCE - I

(Zoology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any **four** questions. Each question carries 2 weightage.

1. What is placoid scale?
2. What is pelvic fin?
3. What is the importance of body shape in fish?
4. What is ultimobranchial gland?
5. What is Sinus venosus?
6. What is ultrafiltration?
7. What is littoral zone?

(4 × 2 = 8 Weightage)

Part-B

Answer any **four** questions. Each question carries 3 weightage.

8. Explain factors affecting colour change in fish.
9. Explain different factors that affect growth of fish.
10. Explain feeding mechanism in fish.
11. Explain respiratory mechanism in fish.
12. Explain adaptive features of deep sea fishes.
13. Explain edge effect.
14. Explain the classification of inland water ecosystem.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Write an essay on classification of fin fishes.
16. Write an essay on reproductive hormones and methods of reproduction in fish.
17. Write an essay on ecological significance of migration in fish.
18. Write an essay on physico-chemical properties of sea water.

(2 × 5 = 10 Weightage)
