

**22P413**

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Name: .....

Reg.No: .....

**FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024**

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19P ZOL4 E11 - FISHERY SCIENCE - II**

(Zoology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

**Part-A**

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

1. Describe the capture fishery of molluscs.
2. Briefly explain lake capture fisheries of India.
3. Explain transportation methods of live fishes.
4. Describe live feeds in aquaculture.
5. Explain the importance of Sex reversal in aquaculture.
6. Explain culture of pearl spot.
7. Enlist the major plant species used in freshwater aquarium.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. Explain the capture of Indian Mackerel.
9. Explain the process of pond preparation in aquaculture.
10. Explain cage farming. Review the merits and demerits of cage farming.
11. Review the water quality parameters and techniques for monitoring water quality.
12. Explain the working of BPG axis. How is it useful in aquaculture?
13. Describe freshwater culture of Indian major carps and Exotic carps.
14. Review the major bacterial diseases encountered in aquaculture.

**(4 × 3 = 12 Weightage)**

**Part-C**

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

15. Review the estuarine systems in India along with its fish production.
16. Explain the history, scope and importance of aquaculture.
17. Explain the brackish water fish culture giving examples.
18. Review the methodology and economics of crab culture.

**(2 × 5 = 10 Weightage)**

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