

21P415

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Name: .....

Reg.No: .....

**FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2023**

(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 fishery of pulicat lake.
2. Describe the fishery of Kerala Backwaters.
3. Explain temperature based classification of aquaculture practises.
4. Describe the feeding habits and food utilisation in aquaculture.
5. Explain hypophysation. Enlist the importance of Hormone analogues.
6. Describe the culture of trouts.
7. Describe semi intensive shrimp culture.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. Explain the capture fishery of Tuna.
9. Review Raceways, pen farming and enclosure farming.
10. Describe the methods for control of pests and predators in aquaculture.
11. Review the fertilizers and chemicals used in aquaculture.
12. Explain the process of Sex reversal. Describe how it is useful in aquaculture.
13. Explain the process of paddy cum fish culture.
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. Describe the capture fishery of Mussel, Oyster and Cephalopods in India.

16. Explain the site selection, design, preparation and types of ponds in aquaculture.
17. Describe the methodology for pearl production from Oyster.
18. Review on Aquarium preparation and the fishes and plants used in fresh water aquarium.

**(2 × 5 = 10 Weightage)**

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