

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – ZOOLOGY

THIRD SEMESTER – NOVEMBER 2022

PZO 3602 – AQUACULTURE

Date: 02-12-2022

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

Part-A

Answer ALL the questions

(10×2=20 Marks)

1. State the importance of aquaculture.
2. List out any four common freshwater fish that can be cultured.
3. Mention the biological criteria to select the species for aquaculture.
4. Comment on dyke.
5. What is polyculture?
6. Define integrated fish farming.
7. Name any four bacterial diseases of fish.
8. Comment on Pokkali culture.
9. What are the advantages of prawn culture?
10. Comment on larval stages of prawn.

Part-B

Answer any FOUR questions

(4×10=40 Marks)

11. Explain induced breeding in fish.
12. Write an account on growth of fish.
13. Explain the fish diseases caused by bacteria and fungal pathogens.
14. Describe the raceways culture system.
15. Give an account on cage culture.
16. Describe the methods of hybridization.

Part-C

Answer any TWO questions

(2×20=40 Marks)

17. Write an essay on fresh water prawn culture.
18. Describe the site selection and construction of ponds.
19. Write an essay on integrated fish farming.
20. Elaborate on cryopreservation.

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