

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – ZOOLOGY
THIRD SEMESTER – NOVEMBER 2019
18PZO3ES02 – AQUACULTURE

Date: 06-11-2019
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Part-A

Answer ALL the questions

(10×2=20)

1. Mention any four criteria for site selection in aquaculture.
2. Mention the names of any four cultivable freshwater fish species.
3. What is called food conversion rate?
4. Define sluice gate.
5. Comment on pond dykes.
6. Differentiate dry bundh from wet bundh breeding.
7. Name any four bacterial diseases of fish.
8. What are the advantages of fish culture in cages?
9. Differentiate breeding hapa from hatchery hapa.
10. Comment on induced breeding.

Part-B

Answer any FOUR questions

(4×10=40)

11. Give an account on the larval stages of prawn.
12. Elaborate the aquaculture system in India.
13. Describe the methods of hybridization.
14. Give an account on transgenic fish.
15. Explain the paddy cum fish culture.
16. Give an account on raceways fish culture.

Part-C

Answer any TWO questions

(2 × 20=40)

17. Write an essay on construction and management of fish culture ponds.
18. Write an essay on hormonal control of reproduction in fish.
19. Explain various diseases caused by abiotic factors, pathogens and parasites in fish.
20. Write an essay on integrated fish farming.
