

**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**



**M.Sc. DEGREE EXAMINATION – ZOOLOGY**

**THIRD SEMESTER – NOVEMBER 2018**

**16/17PZO3ES02 – AQUACULTURE**

Date: 31-10-2018

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**Part-A**

**Answer ALL the questions**

**(10×2=20 Marks)**

1. Comment on general characters of a fish.
2. What is food conversion rate?
3. Mention any four factors affecting site selection for aquaculture.
4. List out any four biological criteria to select the species for aquaculture.
5. Comment on pond dykes.
6. What is cryopreservation?
7. Differentiate dry bundh from wet bundh breeding.
8. Name any four bacterial diseases of fish.
9. Comment on Pokkali culture.
10. What are the advantages of fish culture in cages?

**Part-B**

**Answer any FOUR questions**

**(4×10=40 Marks)**

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

**Part-C**

**Answer any TWO questions**

**(2×20=40 Marks)**

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

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