

Reg. No

Name

18P3624

MSc DEGREE END SEMESTER EXAMINATION - OCTOBER 2018**SEMESTER 3 : AQUACULTURE AND FISH PROCESSING****COURSE : 16P3AQCT10 : AQUARICULTURE, AQUACULTURE ECONOMICS AND ADMINISTRATION****(For Regular - 2017 Admission & Supplementary - 2016 Admission)**

Time : Three Hours

Max. Marks: 75

Section A**Answer any 8 (2 marks each)**

1. What are Sand filters?
2. What is meant by chemical filtration?
3. What are Feed check tray?
4. Name four ornamental invertebrates.
5. Explain Velvet disease in fish.
6. What is the causative agent of Tail rot?
7. What are the uses of KMnO₄ in Aquarium?
8. Define Law of diminishing returns?
9. What is supply function?
10. What is meant by Sensitivity analysis?
11. What are the risk and uncertainty in ornamental fish culture.
12. Explain the importance of Chlorination.

(2 x 8 = 16)**Section B****Answer any 7 (5 marks each)**

13. Explain the selection of plants and fishes for aquarium.
14. Write notes any three *insitu* water quality monitors
15. Give an account on breeding of gold fish.
16. Write notes on Indigenous ornamental fishes.
17. Describe sexual dimorphism in live bearers.
18. Write notes on Parental care in marine ornamental fishes.
19. Explain fixed cost , variable cost and oppourtunity cost.
20. What are the Measures and uses of ratio analysis.
21. What is Budgeting?
22. Give an account on the water quality parameters of an hatchery.

(5 x 7 = 35)**Section C****Answer any 2 (12 marks each)**

23. Briefly explain water quality maintenance for hatcheries and farms .
24. Write an essay on setting up of fresh water aquarium and its maintenance.
25. Fisheries economics can be increased through marketing channels. Comment in detail
26. Role of Fish Consultant in Aquaculture management. Explain.

(12 x 2 = 24)