Reg. No ..... Name **20P3011**

MSc DEGREE END SEMESTER EXAMINATION - OCT/NOV 2020: JAN 2021

SEMESTER 3 : AQUACULTURE AND FISH PROCESSING

COURSE : **16P3AQCT09 : CULTURE OF FIN FISHES, MOLLUSCUS AND SEA CUCUMBERS**

(For Regular - 2019 Admission and Supplementary - 2016/2017/2018 Admissions)

Time : Three Hours Max. Marks: 75

PART A

Answer any 8 (2 marks each)

1. Use of Mac-Donald glass jar.
2. Name some predatory fishes in aquaculture.
3. Explain shortly about biological control of aquatic weeds.
4. Find out the natural freshwater fishseed collection centers of India.
5. Define biofloc.
6. List out the grow out systems for sea cucmbers.
7. What is artificial pearl production ?
8. What is condition index ?
9. What are barnacles ?
10. Name four algal species given as feed for oyster larvae
11. What is byssal gland ?
12. Define thinning.

(2 x 8 = 16)

PART B

Answer any 7 (5 marks each)

13. How can we control aquatic insects in a pond system.
14. Distinguish between wet and dry bundh.
15. Analyse the problems encountered in intensive fish farming.
16. Evaluate the important events involved in treatment of sewage for fish culture.
17. Outline criteria for selection of sea cucumber for processing.
18. Discuss about the processing of beche de mer.
19. Categorise grow out systems in sea cucumber.
20. Compare lotic and lentic water systems.
21. Explainj the role of mantle tissue in pearl production
22. Analyse the sources of pollution and its adverse effects in an oyster farm.

(5 x 7 = 35)

PART C

Answer any 2 (12 marks each)

23. Analyse the practice, problems and prospects of cage culture.
24. Discuss on different types of aquatic weeds, their control and innovations can be applied by making use of it.
25. Discuss seed production of sea cucumber.
26. Discuss different method of mussel culture.

(12 x 2 = 24)