

MSc DEGREE END SEMESTER EXAMINATION - OCTOBER 2025**SEMESTER 3 : AQUACULTURE AND FISH PROCESSING****COURSE : 24P3AQCT09 : CULTURE OF FIN FISHES, MOLLUSCS AND SEA CUCUMBERS***(For Regular - 2024 Admission)*

Time : Three Hours

Max. Weights: 30

PART A**Answer any 8 questions****Weight: 1**

1. Define weedicide in aquaculture. (U)
 2. What is black pearl ? (R)
 3. List out the grow out systems for sea cucumbers. (R)
 4. Name 4 diseases affecting abalone. (U)
 5. What are dubisch ponds ? (R)
 6. Name a few fresh water mussels. (U)
 7. Compare warm water and cold water aquaculture. (An)
 8. Define condition factor of oyster. (U)
 9. Uses of quinaldine. (An)
 10. What are the processed products of sea cucumber? (R)
- (1 x 8 = 8)**

PART B**Answer any 6 questions****Weights: 2**

11. Role of MSC in promoting sustainable fisheries. (A)
 12. Compare aquaponics Vs hydroponics. (E)
 13. Explain the food and feeding of sea cucumbers. (U)
 14. Compare the two hatchery system used for the development of abalone larvae. (U)
 15. Discuss types of cages used for finfish farming. (An)
 16. Discuss about the anatomy of reproduction in oysters. (E)
 17. Spat collection. (I)
 18. Explain breeding of mullets. (U)
- (2 x 6 = 12)**

PART C**Answer any 2 questions****Weights: 5**

19. Discuss about the characteristic features of air breathing fishes and their culture practises. (E)
 20. Discuss about the various farming techniques for sea cucumbers. (E)
 21. Discuss the embryonic development and larval rearing of a bivalve. (E)
 22. Discuss about the use and effects of organic fertilization in culture ponds. (Cr)
- (5 x 2 = 10)**

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Wt.
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Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;