

Reg. No

Name

M. Sc DEGREE END SEMESTER EXAMINATION - OCTOBER 2019**SEMESTER 3 : AQUACULTURE AND FISH PROCESSING****COURSE : 16P3AQCT09 : CULTURE OF FIN FISHES, MOLLUSCS AND SEA CUCUMBERS***(For Regular - 2018 Admission and Supplementary - 2016/2017 Admissions)*

Time : Three Hours

Max. Marks: 75

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

1. Eutrophication.
2. Phostoxin.
3. Tidal amplitude
4. Natural freshwater fishseed collection centers of India.
5. Anesthetics used for the transportation of breeders.
6. Beche de mer.
7. Grow out techniques for sea cucumbers
8. Orient pearls.
9. Condition factor of oyster.
10. Abalone
11. Spat fall.
12. Fresh water mussel.

(2 x 8 = 16)

Section B**Answer any 7 (5 marks each)**

13. Post-stocking management aspects in carp nursery ponds
14. Action of mahuva oil cake on weed fishes
15. Treatment of sewage for fish culture
16. Zooplankton swarms
17. Criteria for selection of sea cucumber for processing.
18. Food and feeding of sea cucumbers
19. Biology of *Holothuria scabra*
20. Abalone culture.
21. Long line culture of mussels
22. Clam culture.

(5 x 7 = 35)

Section C**Answer any 2 (12 marks each)**

23. Eradication of weed fishes and aquatic insects from carp nursery ponds
24. Inorganic fertilization
25. Explain hatchery production of sea cucumber larvae.
26. Different methods of spat collection in mussel farming.

(12 x 2 = 24)