

CODE: **196523**  
NOVEMBER 2020

TIME: 2 Hrs  
MAX. MARKS: 50

*PART A*  
*Answer any TEN questions.*

(10 x 2=20)

1. Production Plan
2. Site selection
3. Diversion ponds
4. Reservoir ponds
5. Raft
6. Pen fish culture.
7. Aerators
8. Filters
9. Sluice gate
10. Dyke
11. Fish wastes
12. Hatchery unit

*PART B*  
*Answer any TWO questions.*

(2 x 5=10)

13. Comment on the checklist of factors required for site selection.
14. Explain the maintenance of a fish farm.
15. What is meant by Bio flocculation system? Explain.
16. Write the principle, operation and maintenance of Pump in a fish farm
17. Explain about peripheral dyke.
18. Explain on Duck cum fish farming.
19. Justify recycling of animal waste is a boon.
20. Explain the budgeting for the construction of fish farm.

*PART C*  
*Answer any TWO questions.*

(2 x 10=20)

21. Elaborate on the different types of farms and their advantages.
22. Discuss the design concept for open sea farming and their construction<sup>2</sup>
23. Discuss the selection of materials based on physical, chemical and thermal properties for the construction of farm.
24. Write a detailed account on various Dykes.
25. Explain the ecological, sanitation and disease problems in Integrated Fish farming.