

Dr. V. S. Krishna Government Degree and PG College (A), Vivakhapattanam
DEGREE SEMESTER V EXAMINATIONS DECEMBER 2023
Domain Subject : ZOOLOGY, III Year B.Sc - Semester -V
Course 6A: SUSTAINABLE AQUACULTURE MANAGEMENT

CODE : 52273

Time: 3 hrs

SECTION -A

Max. MARKS 75

5x5= 25 M

I Answer any FIVE of the following
(Draw neat labelled diagrams wherever necessary)

- 1 Blue revolution
- 2 Food fishes of brackish water
- 3 Rearing pond
- 4 Hypophysation
- 5 Dry bundh
- 6 Commercially important shrimp species
- 7 Polyculture
- 8 Management principles of ponds from diseases

SECTION -B

II Answer any FIVE of the following 5x10= 50 M
(Draw neat labelled diagrams wherever necessary)

9. (a) Write an essay on the major cultivable marine fishes
(Or)
(b) Describe the layout of fish farm.
- 10 (a) Explain the construction and management methods of nursery ponds.
(Or)
(b) Explain the significance of various chemical factors in a fish pond.
11. (a) Describe in detail the technique of hypophysation in fish.
(Or)
(b) Write an essay on Pre stocking management practices in Indian major carp culture.
- 12.(a) Write an essay on the biology and breeding in macro brachium rosenbergi.
(Or)
(b) Explain in brief a bout integrated fish forming technology.
- 13 .(a) Write an essay on bacterial diseases in fish fishes.
(Or)
(b) Explain the concepts of vaccination and immunization in fishes.