

Dr.V.S.Krishna Govt., Degree College (A) Visakhapatnam
B.Voc. COURSE IN AQUACULTURE
SEMESTER-II SKILL COMPONENT
TITLE: FRESH WATER AQUACULTURE

TIME: 3 Hrs

MAX MARKS: 60

PART-I

I. Answer any FIVE of the following

5x5=20M

Draw labelled diagrams wherever necessary

1. Status and scope of aquaculture in India
2. Nursery ponds
3. Any 2 Exotic fish species
4. Compatibility of Indian and exotic carps
5. Air breathing fishes
6. Pond preparation
7. Details of any 3 chemicals used in aquaculture
8. Organic aquafarming

PART-II

5x5=20M

II. Answer any FIVE of the following

Draw labeled diagrams wherever necessary

9. a. Describe different fresh water aquaculture systems
OR
b. Explain in detail about stocking and post stocking management in carps
10. a. What are MIC? Write about the three MICs.
OR
b. Write an essay on Composite fish culture system of Indian and exotic carps
11. a. Explain the culture management techniques for Nursery and Grow-out ponds
OR
b. Write an essay on Freshwater pearl culture
12. a. Describe Biology of *Macrobrachium rosenbergi*
OR
b. Explain how to Eradicate Weed and Predatory Fishes in Rearing Ponds
13. a. Write an essay on culture of egg layers- ornamental fishes
OR
b. Discuss about any two recent developments in integrated farming
