

2018

2nd Semester

**AQUACULTURE MANAGEMENT**

**PAPER—C3T**

**(Honours)**

Full Marks : 40

Time : 2 Hours

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

1. Answer any *five* questions :

5×2

(a) Define cage culture with example.

(b) State the impact of algal bloom in fish culture pond.

(c) What are the advantages of Pen-Culture ?

(Turn Over)

- (d) Write the scientific name of two cultivable marine fishes.
- (e) What is mono-culture ?
- (f) Write scientific name of two live-bearer ornamental fishes.
- (g) Why aquarium fish is called as 'living jewels'?
- (h) What is Aquascaping ?

2. Answer any *four* questions :

4×5

- (a) Briefly explain a few simple management procedures of rearing pond.
- (b) Describe the process of weed control in a freshwater pond.
- (c) Briefly narrate the prospects of shore-based aquaculture in India.
- (d) Discuss the culture practices of Milk fish (*Chanos chenos*)
- (e) Briefly elucidate the disease management of freshwater ornamental fishes.

- (f) Describe few tips for maintaining of home aquarium in good condition.

3. Answer any *one* question :

1×10

(a) (i) What is integrated aquaculture ?

(ii) Briefly describe any one integrated farming system with suitable example.

(iii) Add a note on waste water aquaculture.

2+5+3

(b) Write a brief note on :

4×2  $\frac{1}{2}$

(i) Pokkali fish culture.

(ii) Feeding management of tiger shrimp.

(iii) Aquarium plants.

(iv) Extensive aquaculture.