

2019

B.Sc.

2nd Semester Examination

**AQUACULTURE MANAGEMENT
(Honours)**

Paper - C3T

(Aquaculture Practices)

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.*

1. Answer any five questions : 5×2

- (a) Write scientific name of two egg laying ornamental fishes.
- (b) What is semi-intensive aquaculture?
- (c) State the demerits of cage culture.
- (d) Write name of 4 algae which causes algal bloom in fish pond.

[Turn Over]

- (e) State the disadvantages of extensive aquaculture.
- (f) Write scientific name and common name of two aquarium plants.
- (g) What is polyculture?
- (h) State the principle of organic aqua-culture.

2. Answer any *four* questions : 4×5

- (a) Briefly narrate the management procedure of nursery pond.
- (b) Write a brief note on control of algal blooms.
- (c) What are the criteria to be considered of a candidate species for aquaculture?
- (d) Give a brief account on the freshwater culture.
- (e) Describe briefly on the Running Water Aquaculture System.
- (f) Give an idea about the biology of Sea-bass and Tiger Shrimp.

3. Answer any *one* from the following : 1×10

- (a) (i) Define ornamental fish.

(3)

(ii) What are the importance of filters, aerators and heaters in aquarium?

(iii) Add a note on transport of live ornamental fishes. 2+6+2

(b) Short Note : 4×2½

(i) Weed fish

(ii) Integrated fish culture

(iii) Waste water fish culture

(iv) Aquascaping
