

2025

5th Semester Examination

4-Years B.F.Sc.

Paper : BFSC-504

(Coastal Aquaculture and Mariculture)



Jayan

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

1. Answer any *ten* questions :

2×10=20

✓(a) What is mariculture?

(b) State about 'Pokkali' fish culture.

✓(c) Name four maritime states of India.

(d) What do you mean by EEZ?

✓(e) Mention the scientific names of two commercially important edible oysters from Indian water.

(f) State the demerits of cage culture.

✓(g) State the name of two important estuary of India.

P.T.O.



(2)

(h) Write the name of pioneer organizations involved in sea-farming and mariculture.

✓(i) What is the significance of sea ranching?

(j) Write the scientific name of two mussels and two clams.

✓(k) What is bheri fishery?

✓(l) What is scope for coastal aquaculture in West Bengal?

(m) What is cube's law?

✓(n) Add a note on pen culture.

✓(o) What is semi-intensive aquaculture?

Group - B

2. Answer any *six* questions :

5×6=30

✓(a) Briefly write on the application of remote sensing technology in mariculture.

(b) Write a brief note on pearl oyster culture.

✓(c) Write a brief note on threads of coastal aquaculture in India.

(d) Discuss on resources for shore-based aquaculture and sea-farming in India.

✓(e) Give an idea about criteria to locate a good coastal farm site.



(3)

- (f) Briefly discuss on methods of sea-farming practices in India.
- (g) Briefly describe 'Khazans'.
- (h) Describe Ayu culture practices in mariculture system.
- ✓(i) Why water and soil quality management is very important in aquaculture?
- ✓(j) Write a note on criteria for selection of candidate species for mariculture.
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