

2025

M.Sc. 3rd Semester Examination
FISHERIES SCIENCE

Paper : FSC - 306

(Aquaculture Practices)

Full Marks : 25

Time : One Hour

*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 *two* questions :

2×2=4

- (a) What is wastewater fed aquaculture? Give an example from West Bengal.
- (b) Mention the range of key water quality parameters in freshwater aquaculture.
- (c) Name two livebearer and two egg-laying ornamental fish.
- (d) Define exotic fish. Outline their potential risk to native aquatic system.

2. Answer any *two* questions :

4×2=8

- (a) Discuss guidelines for sustainable aquaculture practices.

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(2)

- (b) Describe the aquarium management procedure with suitable steps.
- (c) Discuss the scope and challenges of seaweed culture in India.
- (d) Name one fungal and one bacterial fish disease and their causative agent, preventive treatment measure.

2+2

3. Answer any *one* question :

8×1=8

- (a) Give an account of current status and future scope of ornamental fish trade in India.
- (b) Write down the pond preparation techniques in freshwater aquaculture. Add a note on the culture techniques of tubifex as live food organism. 4+4

Internal Assessment : 5 marks
