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24-FF-44

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION
JUNE - JULY 2024**

FISHERIES

Paper - IV

[Ornamental and Fish Culture and Management]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt five questions. Each question carries an internal choice.
Each question carries **15 marks**.

- Q. 1** Explain basic knowledge and profile of some selected indigenous Indian ornamental fishes. (15 Marks)

OR

Write an essay on world trade of ornamental fish and export potential.

- Q. 2** Give a detailed description on design and construction of public fresh water and marine aquaria. (15 Marks)

OR

Describe construction, settings and maintenance of aquarium.

- Q. 3** Write an essay on Rearing of live bearers. (15 Marks)

OR

Describe breeding of guppies, mollies, sword tail fish and platy fish.

- Q. 4** Write a detailed note on hatchery management system for egg layers. (15 Marks)

OR

Explain breeding of angel fish, zebra fish and neon tetra fish.

- Q. 5** Write an essay on Health Management in Ornamental Fish Farming. (15 Marks)

OR

Define Ornamental Fish. Describe Feeding for Breeding and Maintenance of Ornamental Fish.