

Term End External Examination 1<sup>st</sup> Semester (Session-Feb 2025)

Subject: Skill Enhancement Course

Course No and Title: IFF122S/ Commercial Fish Farming

Time: 1.15 hours                      Max Marks:50                      Min. Marks:20

**Section A: Objective Type Questions**

**Q1. Choose the appropriate Answer: (4x1.5=06)**

**i. Which fish farming practice involves using flowing water in long channels for fish culture?**

- A Cage culture                      B Raceway culture  
C Pond culture                      D RAS

**ii. Which fish farming practice involves raising fish in a controlled environment with water recirculation?**

- A Raceway culture                      B Biofloc technology  
C Recirculatory Aquaculture System (RAS)                      D Cage culture

**iii. Which type of pond is used for growing fish fry into fingerlings?**

- A Nursery pond                      B Rearing pond  
C Stocking pond                      D Hatchery pond

**iv. Which of the following is NOT a part of pre-stocking management?**

- A Control of aquatic weeds                      B Feeding the fish  
C Control of predatory fishes                      D Pond fertilization

**Section-B: Descriptive Type Questions (Short Type)**

**Q2: Answer all the Questions (4 x 4 =16)**

- i. Explain the different systems of aquaculture with suitable examples.
- ii. Differentiate between monoculture and polyculture.
- iii. Discuss the criteria for species selection in aquaculture.
- iv. Explain pre-stocking and post-stocking management in fish

culture ponds

**Section – C: Descriptive Type Questions (Medium Type)**

**Answer all the questions: (2 x 7=14)**

**Q3.** What is Recirculatory Aquaculture System (RAS)? Explain its working and advantages in fish farming.

**OR**

Explain the concept of integrated fish farming and its significance in sustainable aquaculture.

**Q4.** Explain the methods used for controlling aquatic weeds and algal blooms in culture ponds.

**OR**

How do nursery, rearing, and stocking ponds differ in purpose and management?

**Section – D: Descriptive Type Questions (Long Type)**

**Answer any one of the following: (1 x 14=15)**

**Q5.** Explain the history and scope of aquaculture. Discuss its current global status.

**Q6.** What factors should be considered when selecting a site for a fish farm? Explain their importance.