

**Zoology**

**[NEP]**

**B.Sc. Third Semester End Examination-2024**

**PAPER-SEC301T**

**[Aquarium Fish Management]**

**Full Marks: 20**

**Time: 01 Hrs**

*The figures in the right hand margin indicate marks*

*Candidates are required to give their answers in their own words as far as practicable*

*Illustrate the answers wherever necessary*

**Group A**

**1) Answer any FIVE questions of the following: 5x2= 10**

- a) Define ornamental fish.
- b) Mention the names of two indigenous and two exotic ornamental fishes in India.
- c) Differentiate between aquaculture and pisciculture.
- d) Mention the benefits of ornamental fish keeping as a hobby.
- e) What precautions should be taken to release new fish in the aquarium?
- f) Mention the names of four live feed used for ornamental fishes.
- g) How to transport live ornamental fish?
- h) What are the sexual dimorphism of swordtail fish?

(2)

**Group B**

**2. Answer any FOUR questions of the following:      4x5 = 20**

a) Briefly describe the maintenance of aquarium in fish keeping conditions.      5

b) Short notes on:- (sexual dimorphism with characters) any one)

i) Guppy    ii) Molly

c) Write down the optimum water parameters for culture and breeding of ornamental fishes. Mention the cause, effect and precaution of dropsy disease.      3+2

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