



**Dr. V. S. Krishna Government Degree College (A),  
Visakhapatnam**

**Semester-IV April-2024**

**II B.Voc**

**Ornamental Fish Production & Management – 42291 N**

**SECTION-A**

**Answer any FIVE of the following.**

**5X5=25**

**Draw a neat labelled diagram wherever necessary**

1. Status of ornamental fishes in India
2. Important exotic ornamental fishes
3. Accessories needed for aquarium
4. Uses of aquarium plants
5. Types of artificial feeds
6. Feeds for fry.
7. Identification of sex for ornamental fishes.
8. Hormonal Induction for sex reversal

**SECTION-B**

**Answer any FIVE of the following**

**Draw a neat labelled diagram wherever necessary.**

**5X10=50**

9. a) Write an essay on commercially important marine ornamental fishes.

(or)

- b) Explain the origin of keeping ornamental fishes as pets and the Benefits of ornamental fish keeping as a hobby.

10. a) Give a brief account of materials required, construction, and steps involved in setting up of an aquarium.

(or)

- b) Write an essay on filters and aerators used in aquariums.

11. a) Explain in detail about the Water quality management in aquariums.

(or)

b) Write an essay on life-food organisms

12. a) Write an essay on the breeding of Egg layers.

(or)

b) Write an essay on the breeding of livebearers.

13. a) Explain in detail about bacterial and protozoan diseases of ornamental fishes.

(or)

b) Write an essay on quarantine, packing, and transportation of ornamental fishes.