

**B A, B SC, B COM DEGREE END SEMESTER EXAMINATION - NOVEMBER 2025****UGP (HONS.) SEMESTER - 1: MULTI DISCIPLINARY COURSE IN ZOOLOGY****COURSE: 24UZOOMDC101 : ORNAMENTAL FISH FARMING AND AQUARIUM KEEPING***(For Improvement/Supplementary 2024 Admission)*

Time: 1Hour

Max. Marks - 35

**PART A*****All Questions carry 1 mark. Answer any five.***

1. What is the scientific name of Red-line Torpedo fish?
2. What is the common name of *Pterophyllum scalare*?
3. Write scientific names of 2 aquarium plants.
4. Name a colour enhancing feed additive.
5. What is 'Ovaprim'?
6. Explain columnaris.
7. What is conditioning?

**(1 x 5 = 5)****PART B*****All questions carry 2 Marks. Answer any five.***

8. What is a biological filter?
9. Explain the importance of checking pH in aquarium.
10. What is meant by the term 'live feed'?
11. In what ways does dissolved oxygen influence the well-being of fish?
12. What is meant by the term 'Live bearer'?
13. Explain the term 'Marine Aquarium'.
14. Explain the importance of aquarium plants.

**(2 x 5 = 10)****PART C*****All questions carry 5 Marks. Answer any four.***

15. Discuss the identifying characteristics and breeding of any four exotic ornamental fishes.
16. Explain the physico-chemical factors that influence the life of aquarium fishes.
17. Elaborate on any two bacterial diseases and any two fungal diseases found in aquarium fishes.
18. Elaborate on induced breeding of aquarium fishes using hormone injection.
19. Elaborate on the composition and preparation of formulated fish feeds.
20. Discuss the setting up of a freshwater ornamental aquarium.

**(5 x 4 = 20)**