

Date of Exam: 05.12.2020

Kishore Bharati Bhagini Nivedita College (Co-Ed.)

(Affiliated to the University of Calcutta)

2020

ZOOLOGY – HONOURS

Paper : SEC-B(1) (Aquarium Fish Keeping)

Full Marks : 40

Time : 2 Hrs.

The figures in the margin indicates full marks.

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

Send PDF of the Answer Script to kbbnczoology@gmail.com

Answer any *twenty (20)* questions from the following:

2×20

1. What do you mean by blue revolution?
2. What is a canister filter?
3. What is aquascaping?
4. What do you mean by biological filtration?
5. What is a breeding tank?
6. Name two important aquatic plant for planting in the aquarium.
7. What is a quarantine tank?
8. Name the categories of fishes in relation to development.
9. Name the basic requirements to start ornamental fish farming business.
10. What is an overhead tank?
11. Name two indigenous ornamental fish species.
12. How to reduce DOA (Death on arrival) during live fish transportation?
13. What is stocking density of ornamental fishes in an aquarium?
14. Write the basic need for a public aquarium.
15. Name the materials required for making an all glass aquarium.
16. What is protandrous hermaphroditism?
17. State about the habitat of Clown fish.
18. State about the morphology of Anemone fish.
19. Write the name of two live annelid food for aquarium fish keeping.

20. Name two insectivorous aquarium fishes.
21. Write about the characteristics of sexual dimorphism in Swordtail.
22. How long a Gold fish can survive in the aquarium?
23. Write about the ecological significance of Guppy fish.
24. Briefly state the composition of formulated fish feed.
25. What is gonopodium?
26. State about the distribution of Molly.
27. What do you mean by 'Live bearers'?
28. What are the advantages of using live fish feed organisms in aquarium fish keeping?
29. Name two temperate aquarium fish.
30. What are the basic criteria of marine aquarium?
