

M. Sc. Semester IV - Assignment (Fish Biology)

This set of questions comprise of 20 short answer type questions, each carrying 5 marks.

Date of test: September 05, 2020

Date of submission: September 08, 2020

Name of the faculty member: Praveen Deepak

* Required

1. Email address *

2. Name *

3. Class roll number *

4. What is Weberian ossicles? Give a short answer. *

5. Write down the functions of Weberian ossicles in brief. *

6. What are the functions of swim bladder? *

7. What are the accessory organs for respiration in teleost? *

8. Write a short notes on lateral line system in fishes. *

9. What do you understand by counter current exchange in gills? *

10. What are skates and rays? *

11. Describe evolutionary perspective of fishes in brief. *

12. Write short notes on Holocephalous. *

13. Discuss briefly about Ammocoete larvae. *

14. Write short note on Coelacanth. *

15. Give different types of sense organ in fishes. *

16. Describe osmoregulation in fresh water fishes. *

17. Write short note on placental care in fishes. *

18. How can fin size, number and location be used to deduce the lifestyle of a fish? Give at least a couple of examples to support your answer. *

19. Why do fish have scales? *

20. Which features give Chondrichthyes and Osteichthyes its name? *

21. Do fishes have an open or closed circulatory system? How many chambers does a fish heart have? How does blood flows throughout the body of a fish? *

22. How is buoyancy regulated in fishes? *

23. How different is fertilization in Osteichthyes and Chondrichthyes? *

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