



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY**

**SECOND SEMESTER – APRIL 2023**

**UAZ 2501 – CHORDATA**

Date: 29-04-2023

Dept. No.

Max. : 100 Marks

Time: 01:00 PM - 04:00 PM

**SECTION A**

**Answer ALL the Questions**

**(10 x 2 = 20)**

1. Comment on quill feather
2. What is pecten?
3. Give the significance of Axolotl larva.
4. Comment on Alytes.
5. What is synsacrum?
6. Draw and label the heart of shark.
7. Give the significance of *Draco volans*.
8. What is Wheel organ?
9. Give the dental formula of Dog.
10. Differentiate between Anadromous and Catadromous migration.

**SECTION B**

**Answer ANY FOUR of the following Questions**

**(4 x 10 = 40)**

11. Explain Retrogressive metamorphosis in Ascidia.
12. Justify parental care exhibited in Amphibia.
13. Describe jaw suspension in vertebrates.
14. Explain various types of scales in fishes.
15. Explain the salient features of Balanoglossus.
16. Illustrate female reproductive system of rabbit.

**SECTION C**

**Answer ANY TWO of the following Questions**

**(2 x 20 = 40)**

17. Explain the affinities of Amphioxus.
18. Describe Aortic arches in vertebrates.
19. Write an essay on migration of birds.
20. Differentiate between Poisonous from Non-Poisonous snakes.

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