



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

**B.Sc. DEGREE EXAMINATION – ZOOLOGY**

**SECOND SEMESTER – APRIL 2017**

**ZO 2500- CHORDATA**

Date: 04-05-2017  
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

**Part-A**

**Answer All the questions**

**(10×2=20 Marks)**

1. What is a wheel organ?
2. Comment on solonocyte?
3. Comment on cephalochordates.
4. What is isinglass?
5. What is pigeon milk?
6. Comment on ductus caroticus.
7. Draw a diagram of hyoid apparatus.
8. Draw and label the structure of a quill feather.
9. Write down the dental formula of Rat and cow.
10. Differentiate clidoic egg from non clidoic egg.

**Part-B**

**Answer any FOUR questions**

**(4×10=40 Marks)**

11. Describe the structure and organizations of Amphioxus
12. Explain the pulmonary, buccal and cutaneous respiration in frog.
13. Explain the flight muscles of Pigeon with a suitable diagram.
14. Mention the keys to identify the poisonous snakes.
15. Draw and label the structure of the mammalian heart.
16. Classify eggs based on amount and distribution of yolk.

**Part-C**

**Answer any TWO questions**

**(2×20=40 Marks)**

17. Describe the venous and arterial system of frog.
18. Define the terms placenta and placentation. Describe the types of placenta in eutherian mammals.
19. Discuss parental care in fishes.
20. Write an essay on jaw suspension in vertebrates.

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