



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

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

SECOND SEMESTER – NOVEMBER 2016

**ZO 2500 - CHORDATA**

Date: 12-11-2016  
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

**Part-A**

**Answer All the questions**

**(10×2=20 Marks)**

1. What is endostyle?
2. Comment on cephalochordates.
3. What is isinglass?
4. What is pigeon milk?
5. Draw and label the structure of a quill feather.
6. Differentiate ductus caroticus from ductus botalli.
7. Draw a diagram of hyoid apparatus.
8. Mention any four key points to identify poisonous snake.
9. Write down the dental formula of Man and rabbit.
10. List down any four mammalian characters.

**Part-B**

**Answer any FOUR questions**

**(4×10=40 Marks)**

11. Describe the structural organizations of Ascidia.
12. Draw a neat diagram of Frog brain (dorsal & ventral view) and label the parts.
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. Write an essay on structure and organizations of Amphioxus.
18. Define the terms placenta and placentation. Describe the types of placenta in eutherian mammals.
19. Discuss parental care in Amphibia.
20. Give an account of jaw suspension in vertebrates.

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