



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SECOND SEMESTER – APRIL 2016

AZ 2504 / AZ 2502 / AZ 2500 - CHORDATA

Date: 21-04-2016
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part -A

Answer all questions

(10 x 2= 20 marks)

1. What are the cephalochordates?
2. Define metamorphosis.
3. What are the cold blooded animals?
4. Define Apoda.
5. What is Agnatha? Give an example.
6. Define homeotherms.
7. What is pecten?
8. Mention any two fossil birds.
9. What are the graafian follicles?
10. Define axolotl.

Part -B

Answer any four questions

(4 x 10= 40 marks)

11. Explain parental care exhibited by fishes.
12. Describe the types of respiration in frog.
13. Sketch the arterial system of Calotes.
14. Explain the roles air sacs of birds.
15. Examine the adaptation of flying mammals.
16. Characterize Marsupials.

Part -C

Answer any two questions

(2x 20= 40 marks)

17. Discuss the structure and affinities of *Amphioxus*.
18. Give an account on migration of birds.
19. Illustrate the types jaw suspension among vertebrates.
20. Explain the different types of placenta in mammals.
