



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SECOND SEMESTER – APRIL 2017

16UZ02MC01- CHORDATA

Date: 22-04-2017
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part –A

Answer all Define / Explain

(10 x 2= 20 marks)

1. What are the urochordata?
2. Define metamorphosis.
3. What is wheel organ?
4. Define Apoda?
5. What is solenocyte?
6. Define homeotherms.
7. What is meant by velum?
8. Mention the fossil bird?
9. Tornaria Larva
10. Define axolotl

Part –B

Answer any four questions

(4 x 10= 40 marks)

11. Give an account of the mode of feeding in *amphioxus*
12. Explain the pulmonary respiration in frog
13. Describe in detail the arterial system of Calotes.
14. Explain the air sacs of birds.
15. Write notes on flying mammals.
16. Explain the urinogenital organs of male shark.

Part –C

Answer any two questions

(2x 20= 40 marks)

17. Describe the Poison apparatus and biting mechanism of poisonous snakes
18. Write an essay on migration of birds
19. Give an account of Dentition mammals.
20. Describe the types of placenta in mammals.
