

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2017
(Supplementary – 2014 Admission)
SEMESTER II – COMPLEMENTARY COURSE (ZOOLOGY)
ZOO2ADC - ANIMAL DIVERSITY – CHORDATA
(Common for Botany and Home Science)

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. Each question carries 1 mark

1. Name two Protochordates.
2. Name an extinct Agnathan.
3. What are Electric Organs.
4. Define procoelous vertebrae.
5. Name two poisonous snakes of Kerala.
6. Give two characteristics of urochordates.
7. Name two common mammals of Kerala.
8. Name an extinct bird whose fossils are available.

(8x1=8)

PART B

II. Answer any six questions. Each question carries 2 marks

9. Describe the characteristic feature of Metatherian mammals.
10. Write four reptilian features of Archaeopteryx.
11. Write down the general characters of Class Reptilia.
12. Describe the salient features of Class Chondrichthyes.
13. Describe retrogressive metamorphosis.
14. Write a short note on Struthio.
15. Explain the wheel organ in Amphioxus.
16. Describe the structure of heart in Aves.
17. Describe food and feeding in an Amphibian.
18. What are Caecillians? Give an example

(6x2=12)

PART C

III. Answer any four questions. Each question carries 4 marks

19. Explain the mechanism of pulmonary respiration in frog.
20. Elucidate the salient features of Neornithes.
21. Give an account of Amblystoma.
22. Write a brief account on Latimeria.

23. What is Synsacrum. Comment on its composition and significance.
24. Enumerate the salient features of Amphioxus.

(4x4=16)

PART D

IV. Answer any two questions. Each question carries 12 marks

25. Give an outline classification of Phylum Chordata with examples.
26. What are the common poisonous and non poisonous snakes of Kerala?
27. Give an account of accessory respiratory organs in fish and their significance.
28. Describe the arterial system of Frog with the help of a neat labeled diagram.

(2x12= 24)