

TB162610B

Reg. No:

Name:

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2017
(2016 Admission - Regular & 2015 Admission – Supplementary/Improvement)
SEMESTER II - CORE COURSE (ZOOLOGY)
ZY2B02TB - CHORDATE BIOLOGY

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. Each question carries 1 mark.

1. Which is the organism having pharyngeal basket.
2. Name the larval form of Petromyzon.
3. Which is the 'Golden age' of Reptiles.
4. Name the animal commonly called 'flying lemur'.
5. What is synsacrum?

(5x1=5)

PART B

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

6. What is diastema?
7. Write short note on neoteny.
8. What is pygostyle?
9. Mention the adaptive features of Draco.
10. Sketch and label typical vertebra of frog.
11. Describe the evolutionary importance of Latimeria.
12. Write any 4 features of Cyclostomata.
13. Write a short note on *Doliolum*.

(5x2=10)

PART C

III. Answer any five questions. Each question carries 5 marks.

14. Give the outline classification of Gnathostomata.
15. Describe Ascidian tadpole.
16. Explain the reproductive system of frog.
17. Write the general characters of class Mammalia.
18. Write any 5 salient features and outline classification of class Aves.
19. Write an account on Archaeopteryx.
20. Explain prototheria with an example.
21. Sketch and label the pelvic girdle of frog and add a note on it.

(5x5=25)

PART D

IV. Answer any two questions. Each question carries 10 marks.

22. Write an essay on parental care in fishes.
23. Give an account on the key features for the identification of poisonous snakes .
24. Write an essay on aquatic mammals.
25. Discuss in detail on Cephalochordata with reference to *Amphioxus*.

(2x10=20)