

TB182440A

Reg. No:.....

Name:.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2019

(2018 Admission Regular)

SEMESTER II – COMPLEMENTARY COURSE (ZOOLOGY)

ZY2C01B18 - CHORDATE DIVERSITY

(For Botany and Home Science)

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer any ten questions. Each question carries 1 mark.

1. Define retrogressive metamorphosis
2. Which organism is commonly called as sea squirt?
3. Name the larval stage of *Petromyzon*
4. Comment on placoid scale
5. What is neoteny?
6. What is aestivation?
7. Define portal system
8. Name a poisonous snake
9. What is zygodactyly?
10. What is pneumatic bone?
11. What is hyperdactyly?
12. Name an egg laying mammal

(10x1=10)

PART B

II. Answer any six questions. Each question carries 5 marks.

13. Comment on *Branchiostoma*
14. Briefly explain the salient features of Larvacea
15. Comment on *Petromyzon*
16. Comment on *Narcine*
17. With the help of a diagram describe typical vertebra of frog
18. Comment on hepatic portal system of frog
19. Comment on *Chelone*
20. Why *Archaeopteryx* is known as connecting link?
21. Comment on *Macropus*

(6x5=30)

PART C

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

22. Elaborate on accessory respiratory organs in fishes
23. Describe the digestive system of frog with the help of labelled diagram
24. Write an essay on poisonous and non poisonous snakes of Kerala
25. Explain various adaptation strategies exhibited by aquatic mammals

(2x10=20)