



0116128

K19U 2491

Reg. No. :

Name :

III Semester B.Sc Degree (CBCSS- Reg./Sup./Imp.)

Examination, November - 2019

(2014 ADMN. ONWARDS)

CORE COURSE IN ZOOLOGY

3B03ZLG:CHORDATA-I

Time : 3 Hours

Max. Marks : 40

Instruction: Draw diagrams wherever necessary.

- I. Essay: Answer any **One** (1×8=8)
1. Write an essay on migration in fishes.
 2. Give an account on fossil reptiles and their significance in evolutionary science.
- II. Essay: Answer any **One** (1×8=8)
3. With the help of neatly labelled diagram, describe the venous system of frog.
 4. Briefly explain the identification key for poisonous snake. Give an account on any two poisonous snakes in Kerala.
- III. Short Essay: Answer any **Two** (2×4=8)
5. Write a note on the morphology of amphioxus.
 6. Give an account on *Nasikabatrachus sahyadrensis*.
 7. Distinguish turtles and tortoises.
 8. Write down the characters and affinities of tunicates.
- IV. Paragraph: Answer any **Four** (4×2=8)
9. Write a note on snake venom.

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10. Give an account on axolotl larva.
11. Write a note on the salient features of class amphibia.
12. Write a short note on the arboreal adaptation of Chameleon.
13. Distinguish Agnatha and Gnathostomata.
14. Give an account on Latimeria.
15. Classify subphylum Urochordata to classes with example.

V. Answer any **six** (in One or Two sentences) (6×1=6)

16. Write down the evolutionary significance of Sphenodon.
17. What is cutaneous respiration?
18. What is test?
19. What is cephalisation?
20. What is Hatschek's pit?
21. Mention the parental Care in Ichthyophis.
22. Write down the ecological significance of Echeneis.
23. What is arborescent organ?

VI. Match the following (2)

A

- a) Daboia
- b) Ptyas
- c) Bungarus
- d) Typhlos

B

- Krait
 - Blind snake
 - Russell's viper
 - Rat snake
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