



K18U 1921

Reg. No. : .....

Name : .....

**III Semester B.Sc. Degree (CBCSS – Reg./Sup./Imp.)**  
**Examination, November 2018**  
**(2014 Admn. Onwards)**  
**Core Course in Zoology**  
**3B03ZLG : CHORDATA – I**

Time : 3 Hours

Max. Marks : 40

I. Essay : Answer **any one** of the following :

(1×8=8)

- 1) Explain the general characters and classification of class amphibia with example for each class.
- 2) Explain the identification key for poisonous and non-poisonous snakes.

II. Essay : Answer **any one** of the following :

(1×8=8)

- 3) Give an account on accessory respiratory organs in fishes.
- 4) Write a note on parental care in amphibians.

III. Short essay : Answer **any two** of the following :

(2×4=8)

- 5) Give a note on salient features of the class Reptilia.
- 6) Explain the respiration in frog.
- 7) Mention the features of cotylosauria.
- 8) Explain on ascidia.

IV. Paragraph : Answer **any four** of the following :

(4×2=8)

- 9) Comment on chamaeleon.
- 10) Write note on apoda.
- 11) Note on lung fishes.
- 12) Describe any four aquatic adaptations of fishes.
- 13) Describe paedomorphosis.
- 14) Note placodermi.
- 15) Write four important chordate characters.

P.T.O.



V. Answer any six of the following :

(6x1=6)

- 16) Note on petromyzon.
- 17) What is retrogressive metamorphosis ?
- 18) Note on Echeneis.
- 19) Note on swim bladder.
- 20) Comment on placoid scales.
- 21) Name the types of caudal fins found in shark and mugil.
- 22) Note on poison glands of snakes.
- 23) Comment on hydrophis.

VI. Match the following :

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- A**
- Crossopterygii
  - Amphioxus
  - Trygon
  - Cobra

- B**
- Sting Ray
  - Latimaria
  - Neurotoxic
  - Wheel Organ