



K16U 2131

Reg. No. :

Name :

III Semester B.Sc. Degree (CBCSS – Reg./Supple./Imp.)
Examination, November 2016
(2014 Admn. Onwards)
CORE COURSE IN ZOOLOGY
3B03 ZLG : Chordata – I

Time: 3 Hours

Max. Marks : 40

- I. Essay : Answer **any one** : (1×8=8)
- 1) Explain the general characters and classification of super class Pisces with example for each class.
 - 2) Describe the general characters of the subphylum Urochordata, classification to classes with one example for each class.
- II. Essay : Answer **any one** : (1×8=8)
- 3) Give an account on accessory respiratory organs in fishes.
 - 4) Explain the classification of the class Amphibia.
- III. Short essay : Answer **any two** : (2×4=8)
- 5) Give a note on salient features of the class Reptilia.
 - 6) Explain the structure of heart of frog.
 - 7) Note on :
 - a) Chamaeleon
 - b) Daboia.
 - 8) Explain feeding mechanism in Amphioxus.
- IV. Paragraph : Answer **any four** : (4×2=8)
- 9) What is Retrogressive Metamorphosis ?
 - 10) Write a short note on Rhacophorus.
 - 11) Note on Lung fishes.

P.T.O.



- 12) Describe any four aquatic adaptations of fishes.
- 13) Describe Paedomorphosis.
- 14) Note on parental care.
- 15) Write four important chordate characters.

V. Answer **any six** :

(6×1=6)

- 16) Note on hippocampus.
- 17) What is wheel organ ?
- 18) Note on latimeria.
- 19) Note on Amnocoetus Larva.
- 20) Name two fishes belongs to the order Selachii.
- 21) Name the two types of paired fins in fishes.
- 22) Note on snake venom.
- 23) Give one example each of the order Rhynchocephalia and Cotylosauria.

VI. Match the following :

2

A

Crossopterygii
Amphioxus
Pristis
Crocodile

B

Saw Fish
Latimeria
Four Chambered Heart
Wheel Organ
