

Roll No. ....

**21401**

**B. Sc. (Hons.) Zoology 2nd Semester**

**Examination – May, 2019**

**BIODIVERSITY-III CHORDATA**

**Paper : 201**

Time : Three hours ] [ Maximum Marks : 40

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

**Note :** Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*. Marks are indicated against each question.

1. Answer the following in about 20 words each :

1 × 10 = 10

- (a) Define Taxa.
- (b) Define and write one examples of Retrogressive metamorphosis.

P. T. O.

**21401**

- (c) Name germ layer which develops to notochord.
- (d) Meaning of 'Uro' in Urochordata.
- (e) Explain Retrogressive metamorphosis.
- (f) Describe Sanguivorous animal.
- (g) Define Acrodont teeth.
- (h) Write about Placoid scales.
- (i) Discuss Significance of Air sacs.
- (j) Define Air bladder and its significance.

**UNIT – I**

- 1. Write notes on the following : 7½**
  - (a) Principles of classification of chordates.
  - (b) Theories of origin of chordates.
- 2. Write notes on the following : 7½**
  - (a) Salient features of chordates.
  - (b) Digestive system of Petromyzon.

( 2 )

21401

21401

**UNIT - II**

**UNIT - IV**

4. Write notes on the following : 7½

(a) Structure and working of heart of *Scoliodon*.

(b) Migration in fishes.

5. Write notes on the following : 7½

(a) Parental care in Amphibians.

(b) Classification of Amphibians upto orders.

**UNIT - III**

6. Write notes on the following : 7½

(a) Write salient characters of group Reptilian.

(b) Differentiate between poisonous and non-poisonous snakes of India.

7. Describe various types of modifications in structures of birds for flight adaptations. 7½

8. Write notes on any *two* of the following : 7½

(a) Digestive system of Rat : Structure and function.

(b) Origin of mammals.

9. Describe general features and classification of Mammals up to orders. 7½

(3)

P. T. O.

https://www.haryanapapers.com

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से

(4)