

2023

( FYUGP )

( 3rd Semester )

ZOOLOGY

( Major )

Paper Code : ZOO/C5

( Diversity of Chordata )

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

1. Write an account on the general characteristics of Chordates. Add a note on hemichordata. 10+5=15

Or

Write notes on the following :  $7\frac{1}{2} \times 2 = 15$

(a) Urochordata

(b) Cephalochordata

( 2 )

2. Explain Dipleurula concept and the Echinoderm theory of origin of chordates. 7+8=15

Or

Give an outline classification of cyclostomes up to class with proper examples. 15

3. Write a detailed account on the migration of fishes. 15

Or

With proper examples, write an essay on the parental care found in Amphibians.

4. With proper diagrams, explain the biting mechanism in snake. Add a note on the poison apparatus in snakes. 10+5=15

Or

Write notes on the following :  $7\frac{1}{2} \times 2 = 15$

- (a) Migration in birds  
(b) Affinities of Sphenodon

5. With proper examples, classify class Mammalia up to orders. 15

( 3 )

Or

Give an account on the adaptive radiation with reference to locomotory appendages found in mammals.

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