

Bs/ZOO/C5

2025

(FYUGP)

(3rd Semester)

ZOOLOGY

(MAJOR)

Paper Code : ZOO/C5

(Diversity of Chordates)

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 cephalochordates. 10+5=15

Or

Give a detailed account on the general characteristics of hemichordates. 15

2. Elucidate dipleurula concept and the echinoderm theory of the origin of chordates. $7\frac{1}{2}+7\frac{1}{2}=15$

(2)

Or

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

3. Give a detailed account on the types of migration found in fishes. 15

Or

Give a detailed account on the parental care in amphibians.

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

Or

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

(a) Affinities of *Sphenodon*

(b) Migration in birds

5. Give an outline classification of Mammalia up to orders with proper examples. 15

Or

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

★ ★ ★