

B.Sc. (Part-II) (CBCS Pattern) Semester-III
USCZOT05 - Zoology Paper-I
Animal Diversity (Chordates) and Comparative Anatomy

P. Pages : 2

Time : Three Hours



GUG/S/25/11620

Max. Marks : 50

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagram wherever necessary.

1. Write an essay on structure of Ascidian Tadpole. Add a note on its Retrogression metamorphosis. 10

OR

- a) Digestive system of Amphioxus. 5
- b) Accessory Respiratory organs in fishes. 5

2. Write detail account on Parental care in Amphibia. 10

OR

- a) Types of skull (Temporal vacuities). 5
- b) Poison Apparatus in snakes. 5

3. Write an essay of flight Adaptation in Birds. 10

OR

- a) Eutheria. 5
- b) Bird Migration. 5

4. Describe the Derivatives of Integuments in detail. 10

OR

- a) Aortic Arches. 5
- b) Types of Receptors. 5

5. Write one to two lines on following **any ten**.

10

- i) Petromyzon
- ii) Myxine
- iii) Osmoregulation
- iv) Neoteny
- v) Fang
- vi) Naja Naja
- vii) Prototheria
- viii) Metatheria
- ix) Pneumatic Bones
- x) Single Chambered Heart
- xi) Nephrostomes
- xii) Organ of Jacobson
