

Bachelor of Science (B.Sc.) (CBCS Pattern) Third Semester  
**USCZOT05 - Zoology Paper-I : Animal Diversity (Chordates) and Comparative  
Anatomy**

P. Pages : 1

Time : Three Hours



**GUG/W/18/11620**

Max. Marks : 50

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1. Explain Accessory Respiratory organs in fisher. 10

**OR**

a) External Morphology of Amphioxus. 5

b) Retrogressive metamorphosis. 5

2. Describe parental care and Neoteny of Amphibia. 10

**OR**

a) Poison apparatus in Snake. 5

b) Diapsid skull. 5

3. Explain physiological flight Adaptation of Birds and its significance. 10

**OR**

a) General character of Prototheria. 5

b) Affinities of Metatheria. 5

4. Give a detailed Account on Aortic Arches in vertebrates. 10

**OR**

a) Explain chemoreceptors. 5

b) Integument derivatives-Scale. 5

5. Write short notes **any ten**. 10

1) Osmoregulation.

3) Urochordate.

5) Anapsid.

7) Flapping.

9) Polyembryony.

11) Gland cell.

2) Endostyle.

4) Cold blooded.

6) Haemotoxic.

8) Perching.

10) Dentine.

12) Nictitating membrane.

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