

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

P. Pages : 1

Time : Three Hours



**GUG/W/23/11620**

Max. Marks : 50

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

**1.** Give an account on Ascidian tadpole and retrogressive metamorphism. **10**

**OR**

a) Petromyzon **5**

b) Osmoregulation in fishes **5**

**2.** Explain parental care in Amphibians. **10**

**OR**

a) Snake Venom **5**

b) Biting mechanism **5**

**3.** Give an account on Bird migration and its significance. **10**

**OR**

a) Prototheria **5**

b) Metatheria **5**

**4.** Give a comparative account of Heart. **10**

**OR**

a) Thermoreceptors **5**

b) Testis **5**

**5.** Write four or five lines on the following **any ten.** **10**

1) Velum

2) Myxine

3) Endostyle

4) Diapsid

5) Neoteny

6) Non-poisonous snake

7) Primates

8) Ratitae

9) Air sac

10) Chemoreceptors

11) Horns

12) Urinary bladder

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