

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
