

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

P. Pages : 1

Time : Three Hours



GUG/S/25/11620(S)

Max. Marks : 50

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

1. Write an account on Osmoregulation in fishes. 10

OR

 - a) General characters of Urochordata. 5
 - b) Petromyzon 5
2. Write an essay on classification of Reptiles on the basis of Temporal vacuities. 10

OR

 - a) Parental Care by Direct caring in Amphibia. 5
 - b) Neoteny. 5
3. Write an essay on Bird Migration and give its significance. 10

OR

 - a) Anatomical flight Adaptation. 5
 - b) Prototheria. 5
4. Write detailed account on derivatives of Integuments. 10

OR

 - a) Chemoreceptors. 5
 - b) Metanephros 5
5. Write four/five lines on following **any ten**. 1x10
=10
 - i) Myxine
 - ii) Endostyle
 - iii) Labyrinthiformis organ
 - iv) Proteroglyphous snakes
 - v) Haemotoxins
 - vi) Apoda
 - vii) Perching
 - viii) Opossum
 - ix) Entheria
 - x) Cycloid scales
 - xi) Two-chambered Heart
 - xii) Organ of Jacobson
