

Bachelor of Science (S.Y.B.Sc.) (Part-II) Third Semester (Old)
B. Sc 2331 - Zoology Paper-I (Life And Diversity Of Animals (Chordates))

P. Pages : 1

Time : Three Hours



GUG/W/18/1278

Max. Marks : 50

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

1. Describe the Digestive system of Labeo. 10

OR

- a) Direct caring by parents. 5
- b) Biting mechanism. 5

2. What is adaptation? Describe physiological flight adaptation in birds. 10

OR

- e) Eutherian. 5
- f) Aortic arches in fishes. 5

3. Attempt the following. 10

- | | |
|------------------|-------------|
| a) Osteichthyes | b) Neoteny |
| c) Archaeopteryx | d) Echidna. |

OR

- | | |
|-----------------------------------|--------------------|
| e) Economic importance of fishes. | f) Parapsida skull |
| g) Typical feather | h) Marsupials. |

4. Attempt the following. 10

- | | |
|--------------------------|-----------------------|
| a) Anadromous migration. | b) Snake venom |
| c) Causes of migration. | d) Heart in reptiles. |

OR

- | | |
|----------------------------|----------------------|
| e) Pharyngeal diverticulum | f) Poison glands. |
| g) Carinatae | h) Heart in mammals. |

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

- | | |
|-------------------------|----------------------|
| i) Cystic duct | ii) Isinglass |
| iii) Rosette | iv) Mud nests |
| v) Anapsid | vi) Proteolysins |
| vii) Glorified reptiles | viii) Remiges |
| ix) Rhea | x) Gynaecomastia |
| xi) Branchial heart | xii) Pulmonary aorta |
