

Exam. Code : 103203

Subject Code : 1326

B.A./B.Sc. 3<sup>rd</sup> Semester

ZOOLOGY

Paper-Zoo-IIIB (Biodiversity-III)

Time Allowed—3 Hours]

[Maximum Marks—35

**Note** :— Section-A is compulsory. Attempt four questions from Section-B, **one** from each unit.

SECTION-A

1. Write short answer on the following :

(A) Body orientation in *Herdmania*

(B) Excretion in *Amphioxus*

(C) Teeth in *Labeo*

(D) Truncus arteriosus

(E) Jacobson's organs

(F) Down feathers

(G) Function of jejunum and ileum in rat.  $1 \times 7 = 7$

SECTION-B

UNIT-I

2. Give an account of digestive system in *Herdmania*. 7

3. Describe the circulatory system of *Branchiostoma*. 7

**UNIT-II**

4. Give an account of the respiration in *Labeo*. 7
5. Write in detail about the affinities of Cyclostomata. 7

**UNIT-III**

6. Describe the structure of heart of frog. 7
7. Give an account of urinogenital system in *Uromastix*. 7

**UNIT-IV**

8. Give an account of respiration in pigeon. 7
9. Describe the various digestive glands in rat and also the process of digestion. 7