

Exam. Code : 103203

Subject Code : 1364

B.A./B.Sc. 3rd Semester

ZOOLOGY (Biodiversity—III)

Paper—Zoo-III-B

Time Allowed—Three Hours] [Maximum Marks—35

- Note** :— (1) All questions carry equal marks.
(2) Section A is compulsory.
(3) Of Section B, the candidate is to attempt **FOUR** questions, selecting **ONE** question from each unit.

SECTION—A

1. Write short answers on the following :
- What is endostyle ?
 - Excretion in *Branchiostoma*.
 - Scale type in *Labeo*.
 - What is sinus venosus ?
 - Jacobson's organ.
 - Uropygial gland.
 - Type of teeth and dental formula in rat.

1×7=7

SECTION—B

UNIT—I

2. Explain the blood vascular system in *Herdmania*. 7
3. Give an account of respiration in *Branchiostoma*. 7

UNIT—II

4. Explain the reproductive system in *Labeo*. 7
5. Explain the following :
(A) Membranous labyrinth
(B) External features of *Petromyzon*. 7

UNIT—III

6. Explain respiratory system in frog. 7
7. Explain the structure and function of heart in *Uromastix*. 7

UNIT—IV

8. Give an account of urino-genital system in pigeon. 7
9. Explain digestive system in rat. 7