

**TDC Odd Semester Exam., 2020
held in July, 2021**

ZOOLOGY

(Honours)

(1st Semester)

Course No. : ZOOH-102

(Higher Chordates)

Full Marks : 35

Pass Marks : 12

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

Answer **five** questions, selecting **one** from each Unit

UNIT—I

1. (a) Write four distinctive features of Anura. 2
(b) Describe the urinogenital system of male toad with suitable illustration. 3+2=5
2. (a) Write four distinctive features of Apoda. 2
(b) Describe the external morphology of toad with suitable illustration. 3+2=5

UNIT—II

3. (a) Write four distinctive features of Reptiles. 2
(b) Describe the urinogenital system of female calotes with suitable illustration. 3+2=5
4. (a) What do you mean by poisonous snake? 2
(b) Discuss the mechanism of biting in snakes with suitable illustration. 3+2=5

UNIT—III

5. (a) Write four distinctive features of Aves. 2
(b) Describe the digestive system of pigeon with suitable illustration. 3+2=5
6. (a) What is the significance of single ovary in pigeon? 2
(b) Write in detail the differences between Ratitae and Carinatae. 5

UNIT—IV

7. (a) Write four distinctive features of mammals. 2
(b) Describe the digestive system of Guinea pig with suitable illustration. 3+2=5

(3)

8. (a) Why is Guinea pig regarded as a coprophagous animal? 2
- (b) Describe the male reproductive system of Guinea pig with suitable illustration. 3+2=5

UNIT—V

9. (a) Define parental care. 1
- (b) Describe parental care in Amphibia with suitable illustrations. 4+2=6
10. (a) Define neoteny. 1
- (b) Describe neoteny in Amphibia with suitable illustrations. 4+2=6

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