

UG-366

BZOO2-2

B.Sc. Zoology DEGREE EXAMINATION
JUNE, 2019.

Second Year

VERTEBRATE ZOOLOGY

Time : 3 hours

Maximum marks : 75

PART A — (3 × 5 = 15 marks)

Answer any THREE questions.

1. Write the key characters of chordates.
2. Explain the structure of placoid scale with a neat diagram.
3. What are the different modes of frog respiration? Write notes.
4. Describe the digestive system of *Calotes versicolor*
5. “Birds are glorified reptiles”. Justify.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

6. Draw a neat sketch of Balanoglossus and describe its essential features.
 7. Write an essay on parental care in fishes.
 8. Give an account on sense organs of scoliodon.
 9. Describe in detail the respiratory organs of *Columba livia*.
 10. Give a detailed account on dentition in mammals.
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