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P – 1286

Reg. No. : .....

Name : .....

Second Semester B.Sc. Degree Examination, September 2022

First Degree Programme Under CBCSS

Zoology

Core Course II

ZO 1241 - ANIMAL DIVERSITY II

(2015-2018 Admission)

Time : 3 Hours

Max. Marks : 80

Instruction: Draw diagrams only if specified in the question

SECTION – A

Answer **all** questions in a word or **one** to **two** sentences. Each question carries **1** mark.

1. Write the characters of *Protopterus*
2. Name two air breathing fishes
3. Give the characters of *Echeneis*
4. Write the characters of *Sphenodon*
5. Write the characters of Agnatha
6. Name the largest poisonous snake
7. Write down the characters of *Sruthio*

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8. Write the characters of *Oryctolagus cuniculus*
9. Reproductive structure of *Amphioxus*
10. Name the rasping organ of *Petromyzon*

(10 × 1 = 10 Marks)

### SECTION – B

Answer any **eight** questions. Each question carries 2 marks. Answer not to exceed one paragraph

11. Name three primary characteristic features of Phylum Chordata
12. Write notes on lung fishes
13. What is neoteny?
14. Write down the characters of Placodermi
15. Mention the characteristic features of *Chaemaeleon*
16. List the features of *Chimaera*
17. Write down the character of Ascidian tadpole larva
18. Write down the characters of Actinopterygii
19. Write the characters of Order Edentia
20. Differentiate between acrodont and the codont dentition
21. What is the evolutionary importance of *Latimaeria*
22. What are baleen plates?

(8 × 2 = 16 Marks)

### SECTION – C

Answer any six questions. Each question carries 4 marks. Answer not to exceed 120 words

23. Explain the classification of Phylum Chordata
24. List reptilian and avian features of *Archaeopteryx*
25. Mention about flightless birds
26. Write the characters of Prototheria
27. Write the characters of Order Dermoptera
28. Classify Aves upto order with examples
29. Write the characters of Order proboscidea
30. Write down the characters of Chondrichthyes
31. Describe the structure of placoid scale

(6 × 4 = 24 Marks)

### SECTION – D

Answer any two questions. Each question carries 15 marks. Answer as long essay type

32. Describe the migratory habits in birds
33. Write an essay on the poisonous and non-poisonous snakes
34. Describe the parental care in Amphibia
35. Write an essay on Dipnoians

(2 × 15 = 30 Marks)