(Pages : 3) M – 2383

Reg. No. : .....

Name : .....



Second Semester B.Sc. Degree Examination, December 2021

First Degree Programme Under CBCSS

Zoology

Core Course II

ZO 1241 — ANIMAL DIVERSITY – II

(2015-2018 Admission)

Time : 3 Hours Max. Marks : 80

I. Answer all questions with **one** or **two** sentences. Each question carries **1** mark.

1. Gnathostomata
2. *Oikopleura*
3. *Amphioxus*
4. Cepalochordata
5. *Ophiocephalus*
6. Chondrichthyes
7. *Protopteus*
8. *Dryophis*
9. *Chaemeleon*
10. *Amblystoma*

(10 × 1 = 10 Marks)

P.T.O.

II. Answer any **eight** questions out of twelve. Each question carries **2** marks and answer should not exceed **one** paragraph.

11. Give the characters of *Acipenser*.

12. Write down the salient features of *Salpa*.

13. Give the characters of Cephalochordatai.

14. Describe the significance of *Ammocoles* larva.

15. Comment on the importance of Dipnoi group of fishes.

16. Give a brief description on Metatheria.

17. What is "Pigeon milk"?

18. Give the characters of Chonrichthyes.

19. Write a note on order Holostei.

20. Give the characters of *Echeneis*.

21. Name four flightless birds.

22. Give the characters of Super order Tetrapoda.

(8 × 2 = 16 Marks)

III. Answer any **six** out of nine questions (Each question carries **4** marks. Answer should not exceed **120** words)

23. Give the characters of *Chimaera*.

24. Write down the classification of Reptilia giving examples.

25. Give the features of Osteichthyes.

26. Write down the features of *Lepidosteus*.

27. Describe the peculiar features of *Amphioxus*.

28. Write the scientific names of four poisonous snakes of Kerala.

29. Give the characteristics of *Ichthyosaurus*.

30. Write down the Reptilian and Avian features of *Archaeopteryx*.

31. Give the characters of order Insectivora giving examples

(6 × 4 = 24 Marks)

IV. Answer any **two** out of four questions (Each question carries **15** marks)

32. Discuss the parental care in Amphibians.

33. Write the flight adaptations in Birds.

34. Write an essay on the Accessory respiratory organs in fishes.

35. Write an essay on the Dentition in Mammals.

(2 × 15 = 30 Marks)