

Reg. No. :

Name :

Second Semester B.Sc. Degree Examination, May 2019

First Degree Programme under CBCSS

Zoology

Core Course II

ZO 1241 : ANIMAL DIVERSITY — II

(2015 Admission onwards)

Time : 3 Hours

Max. Marks : 80

Draw diagrams only if specified in the question.

SECTION – A

Answer **all** questions in a word or 1 to 2 sentences. Each question carries **1** mark :

1. Write the characters of *Salpa*.
2. Write the characters of Sub phylum Cephalochordata.
3. Write the characters of Cyclostomata.
4. Write down the characters of *Ichthyophis*.
5. Write the characters of *Archaeornithes*.
6. Write the characters of *Macropus*.
7. The two sense organs of *Amphioxus*.

P.T.O.

8. Give the scientific name of Lamprey.
9. What is Poikilotherms?
10. Name the tough non living covering of Urochordata.

(10 × 1 = 10 Marks)

SECTION – B

Answer **any eight** questions. Each question carries **2** marks. Answer not to exceed 1 paragraph.

11. Describe the Ascidian tadpole.
12. Write notes of living fossil.
13. Mention the feeding habits of *Amphioxus*.
14. Mention the characteristic features of *Echeneis*.
15. Mention the features of *Lepidosiren*.
16. Mention the features of *Sphenodon*.
17. Write down the classification of Aves giving example.
18. Write down the characters of Crossopterygii.
19. Write the characters of Metatheria.
20. Write the characters of Order Artiodactyla.
21. Give the characters of Elasmobranchii.
22. What is shagreen?

(8 × 2 = 16 Marks)

SECTION – C

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

23. Classify class Amphibia upto classes with examples.
24. Explain the dentition in mammals.
25. Write the characters of Order Carnivora.
26. Write the characters of Order Perrisodactyla.
27. Classify phylum Chordata and give the characters of each class with an example.
28. Write about retrogressive metamorphosis.
29. Explain the different types of respiration in frog.
30. Describe the uses of snake venom.
31. Mention the salient features of Chelonia.

(6 × 4 = 24 Marks)

SECTION – D

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

32. Describe the flight adaptations in birds.
33. Explain with diagram the adaptations of fishes to support for their accessory respiration.
34. Explain the types of brain in Vertebrates with suitable diagrams.
35. Write an essay on the egg laying mammals.

(2 × 15 = 30 Marks)