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J – 2690

Reg. No. : .....

Name : .....

Second Semester B.Sc. Degree Examination, May 2020

First Degree Programme under CBCSS

Complementary Course for Botany, Home Science and Bio-Chemistry

ZO 1231.1 : ANIMAL DIVERSITY II

(2015 Admission Onwards)

Time : 3 Hours

Max. Marks : 80

I. Answer **all** questions with two distinguishing features. (**1** mark each)

1. Homocercal
2. Scientific name of turtle
3. Name the glands in mammalian skin
4. Acrodont
5. *Kiwi*
6. Remiges
7. *Anguilla.*
8. *Rhacophorous.*
9. Diastema
10. Pecten.

(10 × 1 = 10 Marks)

P.T.O.

II. Answer **any eight** of the following. (**2** marks each)

11. Write any four characteristics of urochordata.

12. Comment on syrinx.

13. Any four poisonous snakes.

14. Any four salient features of class reptilia.

15. Any four flying adaptations of Draco.

16. Different types of caudal fins.

17. Mention limbless amphibian

18. Name any four vertebrae in frog.

19. Diagnostic features of *Amblystoma*.

20. Name the bones of pelvic girdle in frog.

21. Comment on *Echidna*.

22. Mention the significance of teeth in whale

(8 × 2 = 16 Marks)

III. Answer **any six** of the following. (**4** marks each)

23. Comment on urodela.

24. Diagnostic features of cephalochordate with example.

25. List the general characters of Aves,

26. Aquatic adaptations of mammals.

27. Different types of fins in fishes.

28. Comment on superclass tetrapoda.

29. Notes on *Etroplus*.

30. Salient features of subphylum Vertebrata.

31. Comment on *Pigeon*.

(6 × 4 = 24 Marks)

IV. Answer **any two** of the following. (**15** marks each)

32. Write an essay on the identification of poisonous and nonpoisonous snakes.

33. Describe general features and classification of Phylum Chordata giving suitable examples.

34. Describe chondrichthyes and osteichthyes with examples.

35. Write an essay on class mammalia, giving suitable examples.

(2 × 15 = 30 Marks)
