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Reg. No. : .....

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First Semester B.Sc. Degree Examination, March 2023

First Degree Programme under CBCSS

Zoology

Complementary Course for Botany, Home Science and Bio-Chemistry

ZO 1131.1 : ANIMAL DIVERSITY I

(2015 Admission Onwards)

Time : 3 Hours Max. Marks : 80

Draw diagrams wherever necessary.

I. Answer the following questions (in **one** or **two** sentences. **1** mark each)

1. Amoebiasis
2. Bipinnaria larva
3. Protostomia
4. Pseudocoelomates
5. Macronucleus in Paramecium
6. Tube feet
7. Osculum
8. Measly pork

P.T.O.

9. Nuchal organs

10. *Tribolium*

(10 × 1 = 10 Marks)

II. Answer any **eight** of the following (not to exceed **one** paragraph). Each carries **2** marks)

11. Parasitic castration

12. Phylogenetic importance of *Peripatus*

13. Madreporite

14. Evisceration in Holothuroidea

15. Dinoflagellates

16. Sketch and label Flame cell

17. Five kingdom classification

18. Cnidocyst- structure and function

19. Trichinellosis

20. Polymorphism in *Obelia*

21. *Scolopendra*

22. Brief note on Class Anthozoa

(8 × 2 = 16 Marks)

III. Answer **six** of the following (not to exceed **120** words. each carries **4** marks)

23. Parasitic adaptations of nematodes

24. Pearl culture

25. Levels of organization in animals

26. Cuttle fish

27. Fascioliasis

28. Medusa

29. Class Arachnida

30. Sea urchins

31. Protostomes and deuterostomes

(6 × 4 = 24 Marks)

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

32. Economic importance of molluscs.

33. Classify phylum Platyhelminthes with salient features and examples.

34. Write an account of corals and coral reefs.

35. Describe the salient features of phylum Arthropoda in detail.

(2 × 15 = 30 Marks)
