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N – 4021

Reg. No. :

Name :

First Semester B.Sc. Degree Examination, June 2022

First Degree Programme under CBCSS

Zoology

Core Course I

ZO 1141 : ANIMAL DIVERSITY- I

(2015 – 2018 Admission)

Time : 3 Hours

Max. Marks : 80

I. Answer the following questions in one or two sentences. Each question carries 1 mark.

1. Taxon
2. Protista
3. *Taenia solium*
4. Mesozoa
5. Trinomial nomenclature
6. Triploblastic
7. *Paramecium*
8. *Leptocorisa*
9. *Limulus*
10. *Ancylostoma*

(10 × 1 = 10 Marks)

P.T.O.

II. Answer any **eight** of the following not exceeding one paragraph. **Each** question carries **2** marks.

11. Give the characters of Porifera.

12. Deuterostomia

13. Mid brain

14. Coelom

15. Medusa

16. *Wuchereria*

17. Cortex

18. *Enterobius*

19. *Heteroneries*

20. *Artemia*

21. *Ophiothrix*

22. *Teredo*

(8 × 2 = 16 Marks)

III. Answer any **six** of the following not exceeding **120** words. **Each** question carries **4** marks.

23. Explain the canal system in Sponges.

24. Describe the tissue, cellular and organisation in animals.

25. Describe the economic importance of Mollusca.

26. Explain the evolutionary significance of *Peripatus*.

27. Give the characters of Platyhelminthes.
28. Describe the pests of coconut.
29. Write down the characters of Phylum Nematoda.
30. Describe the pathogenicity and prophylaxis of *Wuchereria*.
31. Classify Phylum Protozoa upto classes, giving one example each.

(6 × 4 = 24 Marks)

IV. Answer any **two** of the following. Each question carries **15** marks.

32. Explain the exploitations damage and conservation of Coral Reefs.
33. Write an essay on the morphology, life history and pathogenicity of parasitic nematodes.
34. Explain the classification of Mollusca.
35. With example explain the classification of phylum Platyhelminthes.

(2 × 15 = 30 Marks)