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Reg. No. :

Name :

First Semester B.Sc. Degree Examination, March 2023

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 carries **1** mark.

1. Taxonomy.
2. Diploblastic.
3. Enumetazoa.
4. *Obelia*.
5. ICZN
6. Protostomia
7. *Rhopalura*
8. *Ascaris*
9. Nomenclature
10. Parazoa

(10 × 1 = 10 Marks)

P.T.O.

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

11. *Noctiluca*
12. Meninges
13. Euglena
14. Interneurons
15. Metamerism
16. Physalia
17. *Echinus*
18. *Fasciola hepatica*
19. Metagenesis
20. Hind brain
21. Monoplacophora
22. Measley pork

(8 × 2 = 16 Marks)

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

23. Give the characters of Mesozoa.
24. Write the characters of *Peripatus*.
25. Mussel farming.
26. Write down the classification of Coelenterata.
27. Economic importance of insects.
28. Classify animals on the basis of Coelom.

29. Differentiate between Asexual and Sexual reproduction.
30. Write down the classification of Echinodermata.
31. Sketch and label the mouth parts of Mosquito.

(6 × 4 = 24 Marks)

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

32. Write an essay on parasitic nematodes.
33. With diagrammatic features, explain the larval forms of *Penaeus*.
34. Explain the water vascular system with example.
35. Write an essay on Parasitic Protozoans.

(2 × 15 = 30 Marks)
