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H-2117

Reg. No. : .....

Name : .....

First Semester B.Sc. Degree Examination, November 2019

First Degree Programme Under CBCSS

Zoology

Core Course I

ZO 1141 : ANIMAL DIVERSITY – I

(2019 Admission)

Time : 3 Hours

Max. Marks : 80

I. Answer **all** questions in one or two sentences. (Each question carries **1** mark).

1. Hirudin
2. Trinomial nomenclature
3. Protostomia
4. Pseudocoelomata
5. Radiata
6. Endoplasm
7. Saprozoic nutrition
8. Food vacuole
9. Digenetic parasite
10. Endoskeleton

(10 × 1 = 10 Marks)

P.T.O.

II. Answer any **eight** of the following. (Each questions carries **2** marks)

11. Define metamorphosis.
12. What is gastric mill?
13. What is epipodite?
14. Name the largest pearl oyster.
15. Dentalium.
16. Nacreous layer
17. What is tubefeet?
18. What is scaphognathite?
19. Hermaphrodite
20. Chaonocytes
21. Amphiblastula
22. Osculum

(8 × 2 = 16 Marks)

III. Answer any **six** of the following. (Each question carries **4** marks).

23. Explain Conjugation.
24. Give a brief account of locomotion in *Paramecium*.
25. Describe the larval stages of *Penaeus*.

26. Give a note on the affinities of Hemichordates with *Annelida*.
27. Comment on Bipinnaria larva.
28. Give the characters of *Chiton*.
29. Describe the structure of green glands in *Penaeus*.
30. Which are different types of Pearl?
31. Describe the canal system in Sponges. **(6 × 4 = 24 Marks)**

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

32. Enumerate the economic importance of Protists.
33. Citing suitable examples discuss the outline classification of Platyhelminthes.
34. Describe the water vascular system in Echinodermata.
35. Explain the structure and mechanism of respiration in *Penaeus*.

**(2 × 15 = 30 Marks)**

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