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SIS 062 B - 15
B.Sc. Ist Semester Degree Examination
Zoology
(Biology of Non - Chordata)
Paper : Z . 1

Time :3 Hours

Maximum Marks : 80

Instructions to Candidates :

1. Answer all the Questions
2. Draw diagrams wherever necessary

I. Answer the following in one word or one Sentence each

(15×1 = 15)

1. Holophytic
2. Ostia
3. Polyp
4. Flame cells
5. Contractile vacuoles
6. Choanocytes
7. Polymorphism
8. Binomial nomenclature
9. Metazoa
10. Bilateral symmetry
11. Budding
12. Parasite
13. Bipinnaria larva
14. Metamerism
15. Radula

II. Answer any Five of the following.

(5×5 = 25)

16. Economic importance of molluscans
17. Species concept
18. Ecological adaptations of polychaetes
19. Unique features of nematodes
20. Ecology and distribution of bees and spider's
21. Levels of Biodiversity
22. Classification of phylum protozoa

III. Answer any Four of the following

(4×10 = 40)

23. Explain the life cycle of malarial parasite
 24. Canal system in sponges
 25. Parasitic adaptations
 26. General characters and classification of phylum - Arthropoda
 27. Life history of obelia
 28. General characters and classification of phylum Echinodermata
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