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**SIS-N-062 B-18**

**B.Sc. Ist Semester (CBCS) Degree Examination**

**ZOOLOGY**

**(Animal - Diversity)**

**Paper - Z-1**

**(New)**

**Time : 3 Hours**

**Maximum Marks : 80**

**Instructions to Candidates:**

- 1) Answer all the questions.
- 2) Draw the diagrams wherever necessary.

**I. Answer any TEN of the following.**

**(10×2=20)**

1. Fundamental characters of chordate.
2. Locomotory organs in Protozoa.
3. Archaeopteryx.
4. Poikilotherms and Homeotherms.
5. Stinging cells.
6. Apoda.
7. Choanocytes.
8. Polymorphism.
9. Metamerism.
10. Cyclostomes.
11. Peripatus.
12. Larval forms in Echinodermata.

**II.** Answer any **FOUR** of the following in brief. **(4×5=20)**

13. Characters of Metathelia.
14. Torsion in Gastropoda.
15. Poison apparatus in Snake.
16. General characters of Phylum coelenterata.
17. Differentiates between Chondrichthyes and Osteichthyes
18. Differentiates between Non chordates and chordates.

**III.** Answer any **FOUR** of the following in details. **(4×10=40)**

19. Write the general characters of class Amphibia, classify upto orders.
20. Explain Flight Adaptations in Birds.
21. Describe the life history of Taenia solium:
22. Explain water vascular system in Asteroidea.
23. Write the general characters of phylum Arthropoda and classify upto classes.
24. Describe the life history of Ascaris-lumbricoides.

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