

**D 142761**

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Name.....

Reg. No.....

**SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
APRIL 2026**

Zoology

ZOL 2B 02T—ANIMAL DIVERSITY : NONCHORDATA PART—II

(2019 Syllabus)

Time : Two Hours

Maximum : 60 Marks

**Section A (Short Answer Type)***All questions can be answered.**Each question carries 2 marks.**(Ceiling 20 marks)*

1. What is pentamerous radial symmetry ?
2. Define Moulting.
3. Name the typical larvae of Molluscs.
4. What is Radula ?
5. Define the term epitoky.
6. What is uniramous appendage ?
7. What are book-lungs ?
8. Enumerate the functions of nuchal organs of *Nereis*.
9. Mention two peculiar features of *Peripatus*.
10. Comment on Tiedemann's bodies.
11. State the function of proboscis gland in *Balanoglossus*.
12. Mention the function of setae.

**Turn over**

**Section B (Paragraph/Problem Type)**

*All questions can be answered.*

*Each question carries 5 marks.*

*(Ceiling 30 marks)*

13. Write an account on the salient features of Phylum Clitellata.
14. Discuss the salient features of Phylum Hemichordata.
15. Give an illustrated account on the external features of *Asterias*.
16. Mention five distinctive characters of *Crustacea*.
17. Explain the annelidian features of *Peripatus*.
18. Describe the digestive system of *Penaeus*.
19. Write a short note on the excretory system of *Nereis*.

**Section C (Essay Type)**

*Answer any **one** of the following questions.*

*The question carries 10 marks.*

20. Illustrate and explain the structure of Osphradium of *Pila*.
21. Describe the circulatory system of *Penaeus*.

(1 × 10 = 10 marks)