

19U208

(Pages: 2)

Name :

Reg.No :

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2020

(CBCSS- UG)

CC19U ZOL2 B02 : ANIMAL DIVERSITY - NON CHORDATA II

(Zoology - Core Course)

(2019 Admission - Regular)

Time: 2.00 Hrs

Max. Marks: 60

Credit: 2

(Draw diagram wherever necessary. The students can answer all questions in sections A & B)

A. Short answer questions. Each question carries 2 marks.

1. Comment on heteronereis.
2. Elaborate the biological importance of Onychophora
3. Write the branchial formula of *Penaeus indicus*.
4. Name all the thoracic appendages of Prawn.
5. Differentiate between chilopoda and diplopoda
6. Write on *Troides minos*
7. Write any two adaptations for aestivation, in *Pila globosa*.
8. Enlist any four diagnostic features of Phylum Mollusca.
9. Comment on the adaptive features of *Sepia*.
10. What is pedicellaria?
11. Describe the affinities of *Balanoglossus*.
12. What is bonellin? Mention its importance.

(Ceiling: 20 Marks)

B. Short essay questions (Paragraph). Each question carries 5 marks.

13. Enlist six diagnostic features of phylum Annelida.
14. Write a note on the salient features of class Clitellata
15. Give the ecological importance of Pagurus
16. Write notes on class Trilobita
17. Describe the morphological characters of Chiton.
18. Explain the body organization in tusk shells with the help of a diagram.
19. Give an account of Perna. Mention its economic importance.

(Ceiling: 30 Marks)

C. Essay questions. Answer any one question.

20. Write notes on any Five of the following: a. Eupagurus b. Holothuria c. Turbinella d. Arenicola e. Nereis f. Phoronis
21. Give the classification of Phylum Echinodermata upto classes citing examples. Elaborate the salient features of all classes.

(1 × 10 = 10 Marks)
