

April 2025
B.A./B.Sc.
Second Semester
MINOR – 2
ZOOLOGY
Course Code: ZON 2.11
(Non-Chordates - II: Coelomates)

Total Mark: 50
Time: 2 hours

Pass Mark: 20

I. Answer any three questions, taking one from each unit.

UNIT-I

1. Describe the different theories of evolution of metamerism in coelomates. Explain the different types of metamerism in coelomate with examples. 7+5=12
2. Describe the various methods of locomotion and reproduction in annelids. 6+6=12

UNIT-II

3. Describe the larval forms of crustacean with the help of suitable diagrams. 12
4. Elaborate on the vision of arthropods with a neat diagram. 12

UNIT-III

5. Classify the phylum Mollusca up to classes with diagnostic characters with examples. 12
6. Describe the water-vascular system in Asterozoa. What are the affinities of Echinodermata with chordates? 8+4=12

II. Answer any two of the following questions.

7. Write a note on larval forms of echinoderms. 7
 8. Write a note on metamorphosis in insects. 7
 9. Write a note on significance of coelom in annelids. 7
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