

Bs/ZOO.C-3 (T)

2023

(CBCS)

(2nd Semester)

ZOOLOGY

(Honours)

Paper : ZOO.C-3 (T)

(**Non-chordates II : Coelomates**)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Give a detailed account on the evolution and significance of coelom. 15

Or

Write an essay on the evolutionary significance of Onychophora.

2. With proper examples, classify Annelida up to class. 15

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(Turn Over)



(2)

Or

Write notes on the following : $7\frac{1}{2}+7\frac{1}{2}=15$

- (a) Excretion in Annelida
- (b) Locomotion in Annelida

3. Give the general characters of the phylum Arthropoda. Add a note on respiration in arthropods. $10+5=15$

Or

Write a detailed account on the metamorphosis in insects. 15

4. Classify Mollusca up to class. Add a note on the general characteristics of Mollusca. $10+5=15$

Or

Write notes on the following : $7\frac{1}{2}+7\frac{1}{2}=15$

- (a) Torsion and detorsion in Gastropoda
- (b) Pearl formation in bivalves

5. Give a detailed account on the water-vascular system in Asterozoa. 15

Or

With proper diagrams, describe the larval forms in Echinodermata.

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