

2025

(FYUGP)

(2nd Semester)

ZOOLOGY

(MAJOR)

Paper : ZOO/C3(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. Explain in detail the evolution and significance of coelom. 15**

Or

Write the general characteristics of the phylum Onychophora. 15

- 2. Describe the general characteristics of the phylum Annelida. 15**

Or

With proper diagrams, explain the locomotion in Annelida. Add a note on the economic importance of Annelida. 8+7=15

3. Classify phylum Arthropoda up to classes with proper examples from each class. 15

(Or)

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

- (a) Vision in Arthropoda
(b) Parthenogenesis in insects

4. Write the general characteristics of the phylum Mollusca. 15

Or

With proper diagrams, explain the process of torsion and detorsion in Gastropoda. 15

5. Classify phylum Echinodermata up to classes with proper examples from each class. 15

Or

Give a detailed explanation on larval forms in phylum Echinodermata with proper illustrations. 15
