LJ-487

M.Sc. Zoology

1st Semester Examination, July-Dec., 2020

Paper - II

Structure and Function of Invertebrates

Time : Three Hours] [*Maximum Marks* : 80

Note : Answer **all** questions in which Question Number 1 is compulsory. All questions carry equal marks.

Unit-I

1. Write in short on the following : (Word limit 100 only)

(*a*) Coelom

(*b*) Trachea

(*c*) Malpighian tubules

(*d*) Rotifera

Unit-II

2. Describe the water vascular system in echinoderms with suitable illustrations.

OR

Describe the means of locomotion in protozoans.

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Unit-III

3. Describe the open blood vascular system found in invertebrates with proper examples and suitable illustrations.

OR

Write short notes on the following :

(*a*) Respiratory pigments in invertebrates

(*b*) Gills in Arthropoda

Unit-IV

4. Write short notes on the following :

(*a*) Nephridia

(*b*) Nervous system of arthropoda with suitable illustrations

OR

Describe the larval forms of mollusca and echinodermata.

Unit-V

5. How do you define minor phyla ? Give the concept and significance of minor phyla.

OR

Write the detailed account of endoprocta.

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