



ED-319

M.Sc. 1st Semester
Examination, March-April 2021

ZOOLOGY

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.

1. Write short notes on the following :
 - (a) Cilia
 - (b) Trachea
 - (c) Nauplius larva

Unit-I

2. Write a note on origin of coelom.

OR

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(Turn Over)

(2)

Explain, what are acoelomates and pseudocoelomates.

Unit-II

3. Explain filter feeding with suitable example.

OR

Explain with suitable diagrams the structure and arrangements of Trachea.

Unit-III

4. Write a note on organs of excretion in invertebrates.

OR

Explain the nervous system of Starfish.

Unit-IV

5. Write short notes on the following :
(a) Parasitic larva
(b) Larva of parasite invertebrates

OR

Explain the organisation of Rotifera.