

EASTERN UNIVERSITY SRI LANKA

FIRST YEAR IN SCIENCE (2016/2017)

ZL-1022 INVERTEBRATE DIVERSITY (SEPTEMBER-2018)

Time: 2 hours

Answer all Questions

Illustrate the answer with clear labelled diagram where necessary)

1. Write short notes on any **three** of the followings

- (a). Coeloms in invertebrates
- (b). Body plan of Sponges
- (c). Central Nervous system of Shrimp
- (d). Economical importance of Mollusks

(30 Marks)

2. Write **either** characteristic features of Protozoan and their importance

or

Characteristics features of Annelids and their importance

(20 Marks)

3. List the major characteristics features of echinoderm.

(30 Marks)

4. Comment briefly on the following

- (a). Respiratory adaptations in invertebrates
- (b). Parasitic adaptation in Platyhelminthes and Nematodes
- (c). Key features of Arthropods and their significance

(30 Marks)

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