

EASTERN UNIVERSITY, SRI LANKA
SECOND YEAR EXAMINATION IN SCIENCE 2021/2022 (MARCH/ APRIL- 2024)
FIRST SEMESTER
ZL 2031 INSECT TAXONOMY AND BIOLOGY

Time: 01 hour.

Answer all questions.

(Illustrate your answer with clear labelled diagrams where necessary)

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1. Comment on **any two** of the following:

- (a) Campaniform sensilla; (50 marks)
- (b) Wing coupling; (50 marks)
- (c) Insect ovarioles; (50 marks)
- (d) Types of insect mouth parts. (50 marks)

2. (a). Briefly describe the major characteristic features of Orders Hymenoptera and Hemiptera- with suitable examples.

(30 marks)

(b) **EITHER**

Write an account on process of shedding of older cuticle in insects.

(70 marks)

OR

(c) "Insects can help to human in myriad ways" Briefly discuss this statement with suitable examples.

(70 marks)

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