



EASTERN UNIVERSITY, SRI LANKA.

FACULTY OF AGRICULTURE

FIRST YEAR/SECOND SEMESTER EXAMINATION IN AGRICULTURE-2002/2003

AGB-1201 FUNDAMENTALS OF ENTOMOLOGY

Answer all Questions

Time: 02 Hours

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- # 1. Draw fully labeled diagram of a generalized insect head.
 2. a. Give 5 morphological features of order Lepidoptera.
b. Give the characteristic features of any five of the following families and give one example for each.
 - i. Papilionidae
 - ii. Curculionidae
 - iii. Gryllotalphidae
 - iv. Aleyrodidae
 - v. Noctuidae
 - vi. Pentatomidae
 - vii. Muscidae
 - viii. Gelechiidae
 - # 3. a. List the different segments of a typical mouthpart of an insect.
b. How the mouthpart of a butterfly is modified from a typical one (Give suitable diagrams)
 - # 4. Write short notes on the following
 - a. Insect integument
 - b. Insect injury to plants