

EASTERN UNIVERSITY, SRI LANKA
FACULTY OF SCIENCE
SECOND YEAR EXAMINATION IN SCIENCE – 2008/2009

BT 201 – Plant Structure & Systematics



Duration: 2 hrs
Answer all questions

1.
 - a). Why dispersal is important for plant population
 - b). What are the units or different parts of plants modified for dispersal
 - c). List out the ways that seeds are dispersed
 - d). Briefly describe two of the above

2. Write short notes on the followings
 - a)/ Secretary ducts and laticifers
 - b). Taxonomic characters
 - c). Chemical evidences in classifications

3. Distinguish the followings
 - a). Xylem parenchyma and Sclerenchyma
 - b). Inter xylary phloem and intra xylary phloem

4. Give brief accounts of the followings
 - a). Insect control of herbarium
 - b). Secondary growth in stems
 - c). Ergastic substances