

Eastern University, Sri Lanka
Second Year First Semester Examination in Science – 2009/10 (Nov/Dec-20011)
BT 201 – Plant Structure and Systematics

Answer all questions
Time: 2 hrs



1. Write short notes;
 - a). Vascular cylinder.
 - b). Tracheary elements.
 - c). Totipotency.
 - d). Laticifers.

2. Distinguish between;
 - a). Protophloem and Metaphloem.
 - b). Homologous and Analogous features of plants.
 - c). Apoptosis and Necrosis.

3.
 - a). Briefly describe the different morphological structure and features of the stomata.
 - b). Write short notes about secretory structures in leaf tissue.

4. Write an essay about the effects on growth of primary tissues and secondary tissues in root development.