

**Eastern University, Sri Lanka**

**Second Year Examination in Science- First Semester 2000/2001 (May 2001)**

**BT 204 – Plant Structure and Systematics**

**Answer ALL questions**

**Time : 2 hours**

1. Comment on the contributions of
  - a. Bentham
  - b. Engler and
  - c. Besseyto plant systematics.
  
2. Give a brief account of
  - a. The Arecaceae
  - b. The Herbarium
  
3. Comment on the morphological and anatomical variations in the plant epidermis. Explain how these variations relate to its varied functions.
  
4. Distinguish between the terms in the following pairs
  - a. Corymb and Umbel
  - b. Collenchyma and Sclerenchyma
  - c. Tracheid and Vessel element