



Eastern University, Sri Lanka  
Second Examination in Science – 2007 / 2008  
First Semester Examination – December 2008  
BT – 201 / Plant Structure and Systematics

Answer all questions

Time: 2 hrs

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1. Explain the following statements.

- (i) "Some plant roots show anti-gravity movement".
- (ii) "Most of the flower characters are good characters".
- (iii) "Cashew is not a true fruit".

2. Briefly explain the followings.

- (i) Functions of Herbarium.
- (ii) Seed dispersal.
- (iii) Keys in plant systematic

3. Compare the followings

- (i) Qualitative character and quantitative character.
- (ii) Natural classification and artificial classification.
- (iii) Simple pit and bordered pit.

4. Briefly write the importance of the followings.

- (i) Scientific name.
- (ii) "Characters" of plants in systematic.
- (iii) Breathing roots.